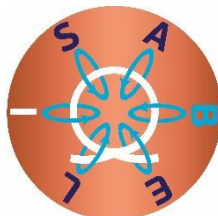


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Lead Beneficiary: Radboud University	Authors: Eva Bezgousko, Martin van Breukelen
Deliverable type: DEC	Reviewers: Geert Rikken, Martin van Breukelen
Dissemination level: Public	

ISABEL

Improving the sustainability of the European Magnetic Field Laboratory

Deliverable D8.1 ISABEL website



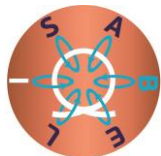
Start date of the project: 1st November 2020

Duration: 48 months

Project Coordinator: Geert Rikken – CNRS LNCMI (P1 - CNRS)

Contact: isabel@lncmi.cnrs.fr

Version	Modifications	Date	Authors
1.0	First draft	24/03/21	Eva Bezgousko
1.1	Second version	25/03/21	Eva Bezgousko
1.2	Third version	01/04/21	Eva Bezgousko
1.3	Fourth version (update new page: Dual Access)	19/04/21	Eva Bezgousko
1.4	Fifth version	20/04/21	Martin van Breukelen
2.0	Final version and review	29/04/21	Geert Rikken



DOCUMENT ABSTRACT

The aim of this deliverable is to inform the European Commission and the scientific community of the opening of the ISABEL website as part of the EMFL website:

<https://emfl.eu/isabel/>

The creation of the website is part of the dissemination activities and strategic communication to the public, part of the Task 8.1 “Communication with the general public” of the Work Package 8 “Communication and dissemination”. All along the project duration, the ISABEL consortium will maintain and update the website as an ongoing process, in order to keep raising awareness of the project, its objectives, collaborations, activities, intended impacts and results.

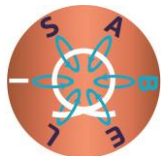
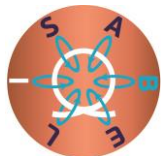


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1 Introduction

The ISABEL webpages serve as the main communication tool of the ISABEL project, for the participants, policy makers, the EC and the general public. The ISABEL website aims to inform society at large, both specialists and non-specialists, about our activities and results. The main contribution of the ISABEL webpages is to highlight the research in fundamental science and display the response to the societal challenge of innovation through the development of new technologies and collaborations in high magnetic fields, all around Europe and beyond.

2 ISABEL website

ISABEL webpages are developed within WP8 “Communication and dissemination”, under Task 8.1 “Communication with the general public”. The title of the ISABEL project “Improving the sustainability of the European Magnetic Field Laboratory” already refers to the overarching goal of ISABEL. To improve the sustainability of the European Magnetic Field Laboratory (EMFL) one of the organizational goals is the outreach.

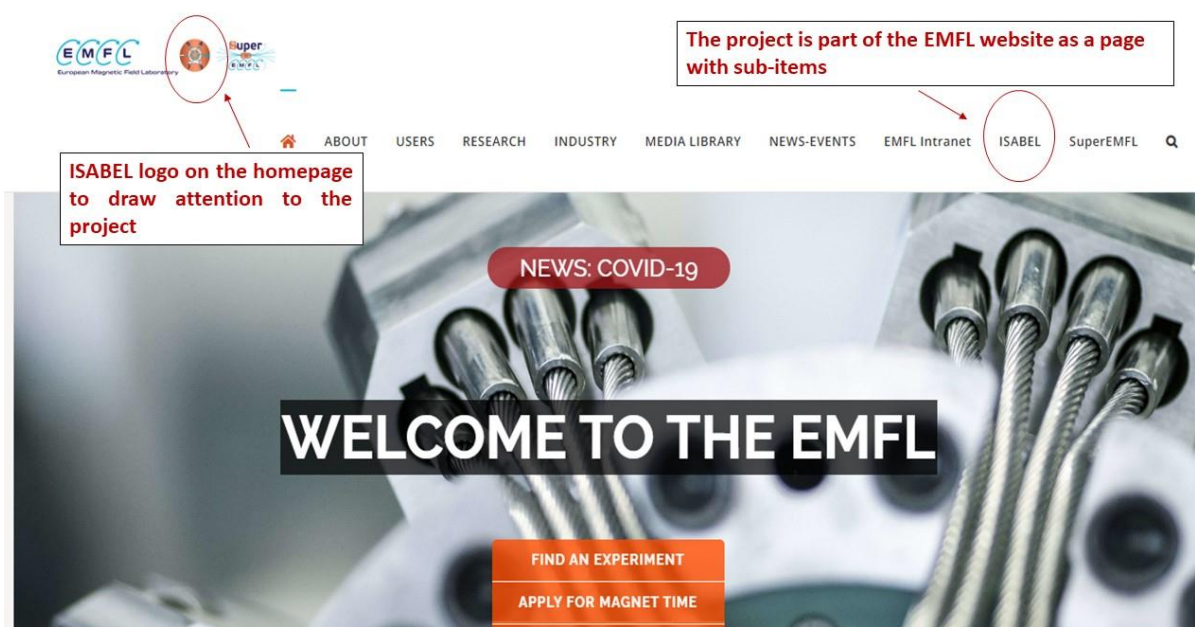


Figure 1. Homepage EMFL

It is therefore that the ISABEL project website is part of the EMFL website with design that matches the EMFL style (e.g. similar colour scheme and matching logo). By doing this we believe that both ISABEL and EMFL will benefit from the outreach and communication activities performed by the ISABEL project or the EMFL AISBL. The logo of ISABEL is particularly accentuated as it is next to the EMFL logo on the homepage. The ISABEL part of the EMFL website will be actively maintained by ISABEL participants, to promote, inform and communicate on the project's progress and results. The pages will guarantee open access to data and project results for the dissemination of the project after its ending. Press releases and promotional articles will be developed and published regularly via this platform. The core pages have been implemented and prepared for the kick off meeting of ISABEL, on the 20th of November 2020. The menu and structure of the webpage is further enhanced and available in its present form since the 15th of February 2021.

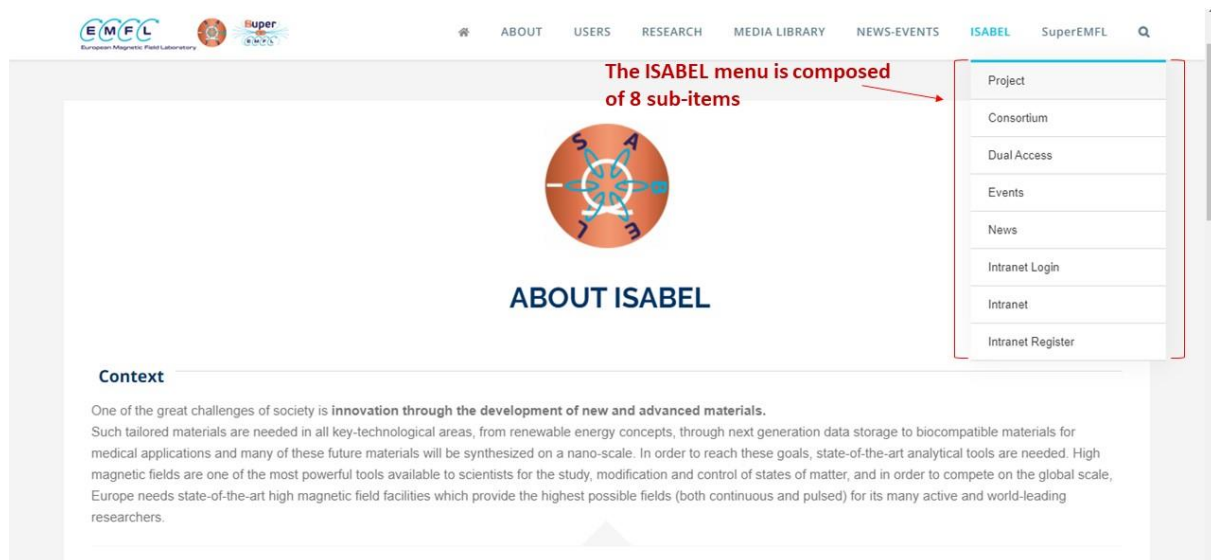
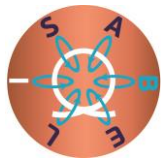


Figure 2. Homepage ISABEL and access to 8 sub-items

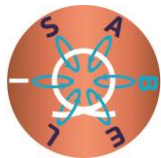
The ISABEL menu is composed of seven sub-items as seen on the figure below:

Project
Consortium
Dual Access
Events
News
Intranet Login
Intranet
Intranet Register

- « Project » for general information on the project itself.
- « Consortium » which presents each partner individually.
- « Dual access » with a description of each regional laboratories partnered with the EMFL.
- « Events » and « News » for updates on key project activities and more.
- « Intranet login », « Intranet » and « Intranet register », to connect on the Intranet and get access to confidential documents and internal events and news.

On the homepage on ISABEL, five blue buttons give the public the possibility to get access directly to the sub-items.

The following paragraphs describe more in details the structure and the contents of the ISABEL website.



2.1 Homepage of ISABEL

When clicking on the button « description », this page provides the general background of the project with:

- The context in which the project was born and thought
- The main objectives
- The project identity: logo, coordinator and consortium.

Context

One of the great challenges of society is **innovation through the development of new and advanced materials**. Such tailored materials are needed in all key-technological areas, from renewable energy concepts, through next generation data storage to biocompatible materials for medical applications and many of these future materials will be synthesized on a nano-scale. In order to reach these goals, state-of-the-art analytical tools are needed. High magnetic fields are one of the most powerful tools available to scientists for the study, modification and control of states of matter, and in order to compete on the global scale, Europe needs state-of-the-art high magnetic field facilities which provide the highest possible fields (both continuous and pulsed) for its many active and world-leading researchers.

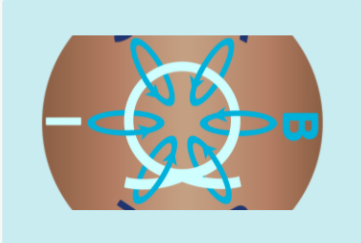
Objectives

The ISABEL project aims to strengthen the long-term sustainability of the EMFL through the realization of three objectives :

- enlargement **the EMFL structure and build a great community by improving several organisational aspects** (such as data management, outreach and access procedures).
- bridge the gap with industry to **strengthen the socio-economic impact of the EMFL**.
- strengthening of **the role of high magnetic field research in Europe**.

Project Identity

18 PARTNERS



COORDINATOR

figure 3. « Description » page of the project

When creating the pages, the idea which prevailed was to make an interactive design as much as possible. The flip boxes match this idea, (see Fig.4).

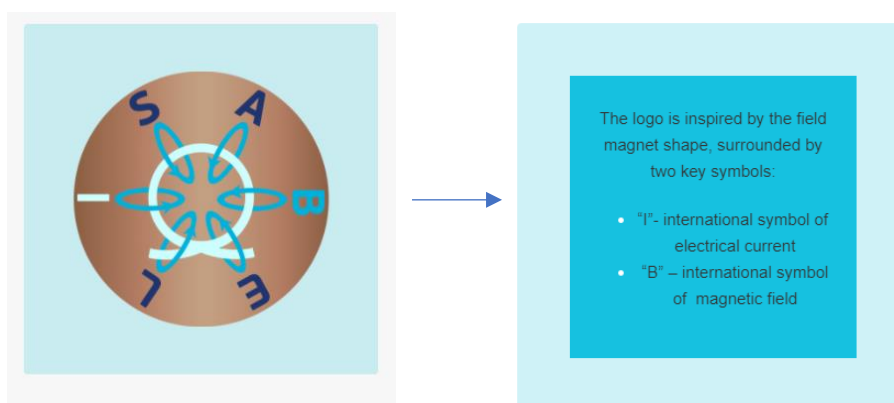
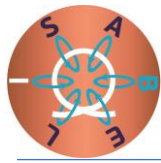


Figure 4. Flip boxes



On each page of the project, the H2020 program acknowledgement appears.

Acknowledgement



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871106. Any dissemination of results reflects only the author's view and the European Commission is not responsible for any use that may be made of the information it contains.

Figure 5. H2020 Acknowledgement

2.2 Partner's presentation

All the 18 partners of the consortium are presented individually on this page. All the logos are clickable and link to the partner's website.

Partners



Centre National de la Recherche Scientifique

CNRS is the largest governmental research organisation in Europe, with 1200 research units covering all fields of research. CNRS provides a strong organisational and administrative support to third party funded projects, with dedicated staff on financial, legal, and administrative issues.

The **Laboratoire National des Champs Magnétiques Intenses**, LNCMI, was created on 1 January 2009 through the merger of the Laboratoire des Champs Magnétiques Intenses (Grenoble) and the Laboratoire National des Champs Magnétiques Pulsés (Toulouse), as part of the Très Grands Instruments de la Recherche (TIGR) of the CNRS. Like its two predecessors, it has **three main missions**:



Helmholtz-Zentrum Dresden-Rossendorf e.V.

The Helmholtz-Zentrum Dresden-Rossendorf e.V. (HZDR) is a member of the Helmholtz Association of German Research Centres pursuing long-term research goals that will allow us to **maintain and improve the livelihoods of the population**. The HZDR conducts cutting-edge research in the areas of energy, health, and matter. Strategic collaborations with both national and international partners allow us to address some of the **pressing challenges faced by modern-day industrialized society**:

- How can energy and resources be utilized in an efficient, safe, and sustainable way?
- How can malignant tumours be more precisely visualized?



Radboud University Nijmegen

From the Radboud University Nijmegen (RU) the **High Field Magnet Laboratory** (HFML) will participate in this project. The Radboud University is a private, not-for profit organization with significant government funding. HFML is jointly operated by Radboud University and the Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NOW). The HFML is an international facility which uses and develops high magnetic fields to carry out **pioneering research** by both in-house and external users. HFML has its own research program with **three scientific pillars**:

- Strongly correlated electron systems
- Soft condensed matter and nanomaterials

Figure 6. Partner's presentation

At the end of the page, a map shows the location of all the partners in the consortium in Europe.

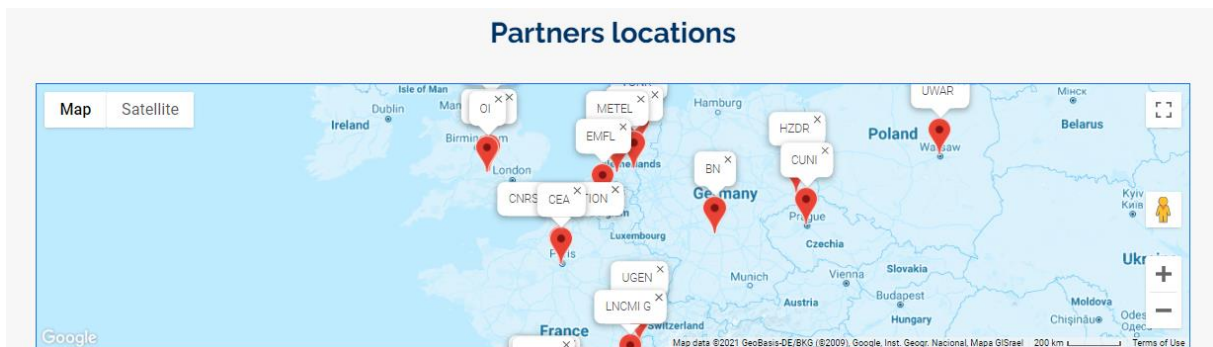
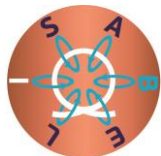


Figure 7. Consortium map



2.3 Regional partners facilities presentation on “Dual Access” page

In the frame of Work Package 5, a new webpage has been implemented. This page aims to present the new access mode “Dual Access”. The Dual Access offers the possibility to gain access to one of the 7 regional facilities partnered with EMFL in the frame of the project together with access to one of the EMFL high field facilities. This new access mode allows users to receive low-field data at the regional facilities and immediately receive access to the high field facilities as well. To facilitate this in the new round of proposal, the dual access page presents each of the 7 facilities, the services offered, the facilities’ research and its location.

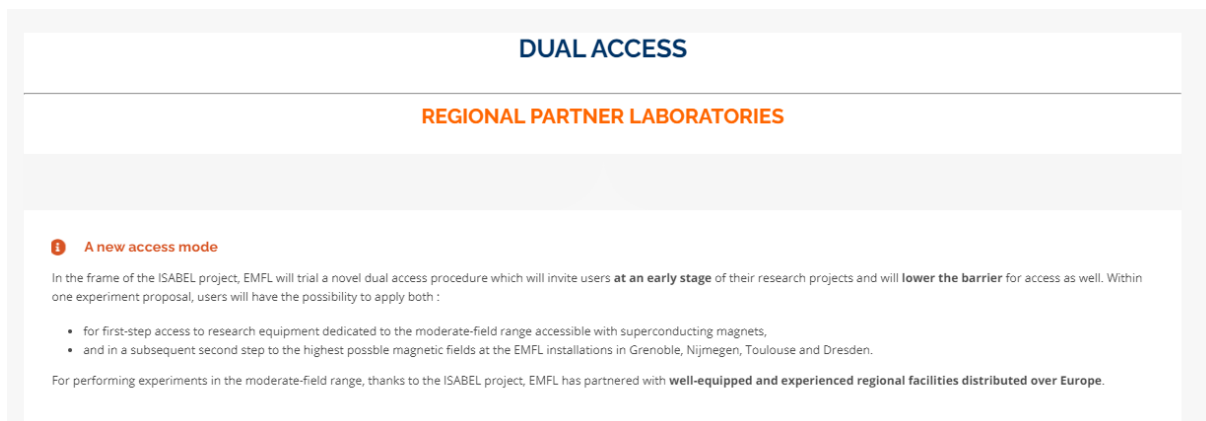


Figure 8. Overview of the Dual Access page

2.4 Events and News

In the “events” page, all events linked to the project or interesting for the high field community will be published, this includes conferences, meetings, seminars, workshops etc. All events in which project partners or our community are potentially interested in will be published.

Particularly attention will be given to events especially organized by the project and by the partners.

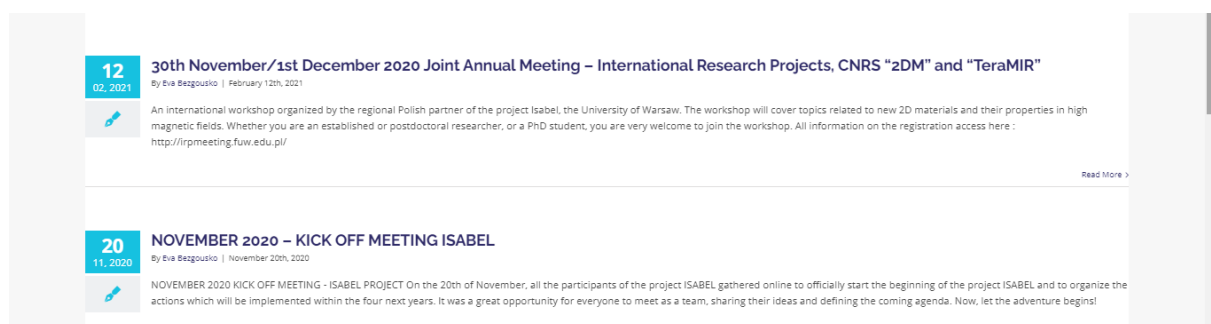
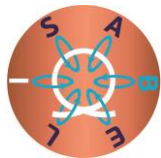


Figure 9. Content of the “event” page



In the “news” page, all updates related to the project, or having any impact on the project will be published. For instance, a scientific publication, a reward, a discovery or a key progress in the project.

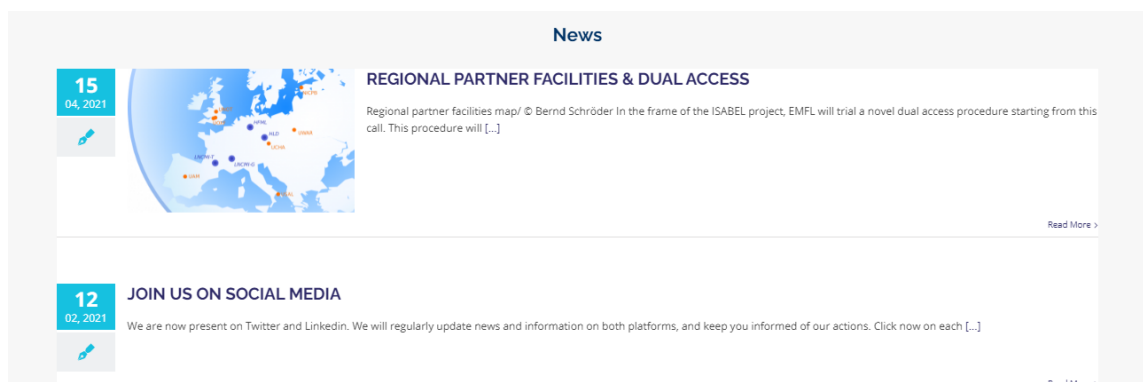


Figure 10. “News” page

3 Intranet

An Intranet is created to provide a shared restricted space where the consortium partners can find all relevant project information including confidential documents. It also aims to provide a global view of the project progress on deliverables and milestones.

3.1 Intranet registration

Members of ISABEL consortium can register as “project member” to have access to the Intranet. To this end, the registers have to enter their email address and the password they created. A captcha with the tickbox “I am not a robot” has been implemented to make sure registrants are physical persons.

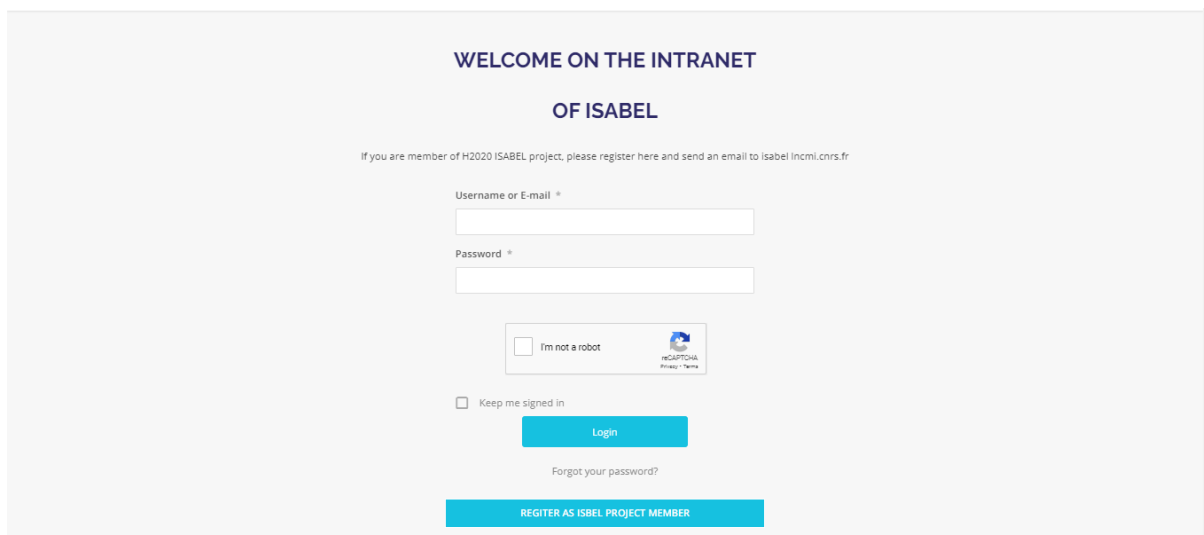
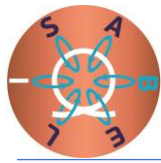


Figure 11. Register page for Intranet access

Email lists of registers are stored encrypted in a database. As stated in the EMFL privacy policy (<https://emfl.eu/legal-credits/>) all the potential information collected are protected and handled confidential following the General Data Protection Regulations.



3.2 Intranet content

When creating the Intranet, the idea was to find a safe space for ISABEL partners, to share confidential documents and information. Therefore, this Intranet is designed with various categories which aim to cover all the key information the consortium needs during the course of the project.

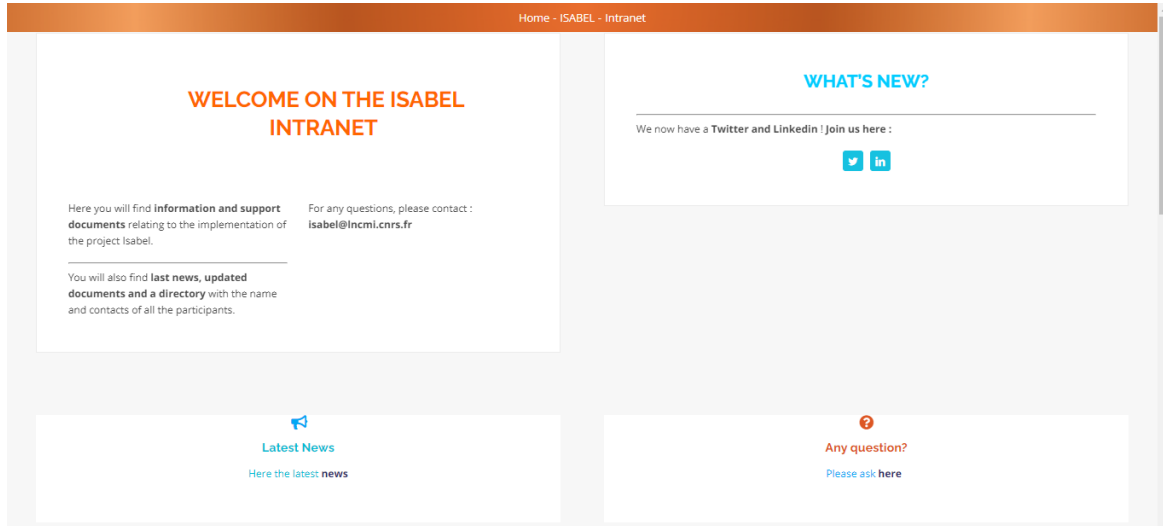


Figure 12. Intranet Homepage

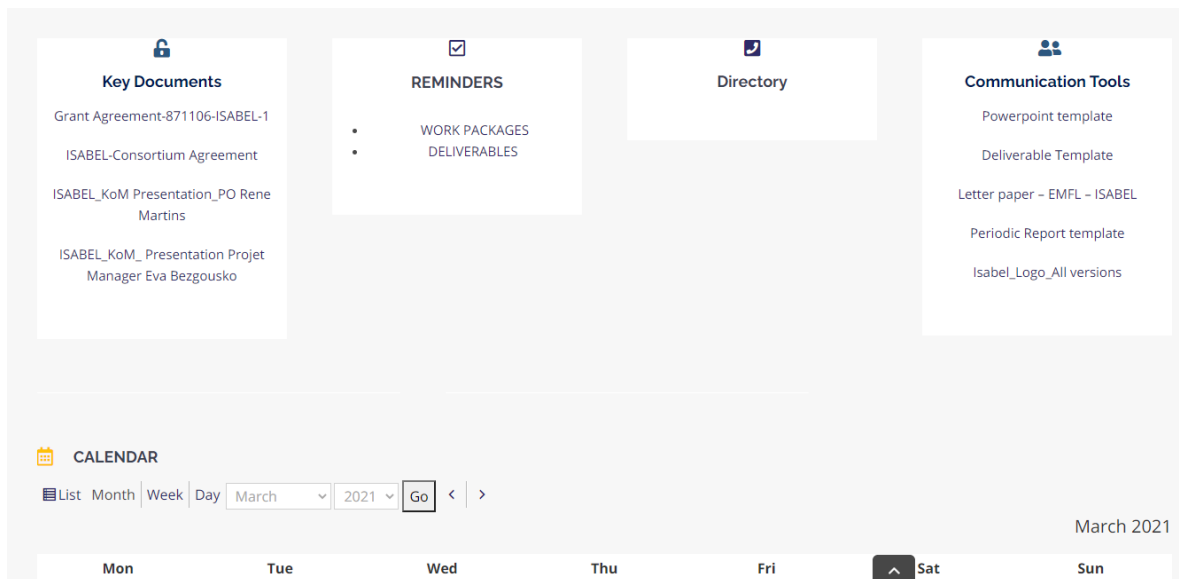
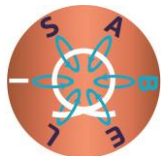


Figure 13. Intranet homepage (2)

Key categories can be found on the intranet (see Figure above):

- “key documents” in which core presentations are available for downloading.
- “reminders”, to keep a close watch on the project progress and the coming deliverables.
- “directory” with the names and contacts (email addresses) of the partner’s representatives.
- “Communication tools” which gives access to the communication templates and all logo’s versions. Below these categories, a calendar has been uploaded to remind the important coming dates for the project.



4 Website Hosting

4.1 Wordpress

The webpage is designed in Wordpress, a widely used content management system (CMS) platform.

4.2 Hosting & Security

Hosting:

The website is hosted as presented below:

Location: servers are hosted in the CNRS facilities in Grenoble

Network: CNRS facilities provide a 500 Mbps guaranteed bandwidth.

Security:

Website security is provided by the department Centre Réseau et Informatique Commun (CRIC) of CNRS in Grenoble.

Condition of security: data center with dual power supply and a ripple current (external electric generator); protection from fires; secured access to site.

In addition to this security, a complete database backup is performed.

5 Outlook

Additional pages related to ISABEL are under construction and will be published in the next few months.

“INDUSTRY” pages.

Related to the objective of ISABEL to strengthen the link with industry, a new whole section dedicated to industry will be implemented on the website. Currently the pages are under construction, and they will be accessible to the public once they will be ready. This section will consist of different pages providing information about Industrial events, Industrial Partners Club, Surveys and the Skills Map (to be developed by WP3). Relevant information for industry will be implemented in this section. All the pages will be under the header "INDUSTRY" in order to make them easy to find and to update.

Another objective is to further improve the proposal portal. First steps are made with the inclusion of the “dual access” mode in the new call. In the second phase, other new access forms will be added and the user friendliness will be further improved.