

SuperEMFL

Superconducting magnets for the European Magnet Field Laboratory

Grant Agreement n° 951714
Research and Innovation Action

Deliverable D1.2 Project website

Start date of the project: 1st January 2021

Duration: 48 months

Project Coordinator: Xavier Chaud – CNRS LNCMI (P1 - CNRS)

Contact: xavier.chaud@lncmi.cnrs.fr



Document Classification

Title	Project website
Deliverable	D1.2
Reporting Period:	RP1
Date of Delivery foreseen in DoA	Project Month M3 31 03 2021
Actual Date of Delivery to EC	12 04 2021
Authors	Eleonora Sartori P01-CNRS
Work package	WP1 Project Management & Coordination
Dissemination	PU = Public, fully open, e.g. web
Type	DEC: Websites, patents filing, press & media actions, videos, etc.
Version	V1
Doc ID Code	D1.2_SuperEMFL_P01_CNRS_210412
Keywords	Website, project, publications

Document History

Partner	Remark	Version	Date
P01-CNRS	Draft Version	V0	17 03 2021
P01-CNRS	Final version	V1	31 03 2021

Document Validation

Partner	Approval (Signature or e-mail reference)
P01_CNRS	Xavier Chaud
P02 HZDR	Thomas HERRMANNSSDOERFER
P03 RU	Peter CHRISTIANEN
P04 CEA	Philippe FAZILLEAU
P05 EMFL	Martin VanBREUKELEN
P06 UNIGE	Carmine SENATORE
P07 UT	Marc DHALLE
P08 IEE	Enric PARDO
P09 TH	Markus BENDELE
P10 OI	Ziad MELHEM
P11 NOELL	Philipp REVILAK

Document Abstract

The aim of this deliverable is to inform the European Commission and the scientific community of the publication of the SuperEMFL website, as part of the EMFL website: <https://emfl.eu/superemfl-project/>

The creation of the website, shortly presented in this D1.2, is part of the dissemination activities and external strategic communication for the project belonging to the Task 1.6 "Dissemination and public outreach". From now, partners will feed the website as an ongoing process across the full project duration, intended to raise awareness of the project, its objectives, partnership, activities and intended impacts.

Abbreviations

EU: European Union
H2020 : Horizon2020



Table of contents

1. The SuperEMFL website	5
1.1 The homepage	5
1.2 Partners' information.....	6
1.3 SuperEMFL objectives and results	7
1.4 Events, News and Documents.....	8
2. Website follow up.....	9
2.1 Visualisation statistics.....	9
2.2 Hosting and security	9

1. The SuperEMFL website

SuperEMFL website is implemented within WP1 Project management and coordination, precisely in task 1.6 “Dissemination and public outreach”.

The website responds to the public engagement strategy of SuperEMFL, to make its activities known to society at large, in a way that they can be understood and appreciated by non-specialists. The major objective of this strategy is to make the general public aware of the importance of fundamental science in general and the significance of developments in high-field materials and technology for present and future innovations.

The project website is part of the EMFL website and will be actively maintained by the consortium, for the promotion and general dissemination of project results and progress. In addition, public information and open project results will be available on this website.

This will guarantee open access to data and project results even after the project is finished. Press releases and promotional articles will be developed and distributed regularly through the web.

The website has been put online on March 17th and it will be online all along the project and at least five years after. The following paragraphs describe the structure and the contents of the website.

1.1 The homepage

The homepage of the SuperEMFL website can be found at the address <https://emfl.eu/superemfl-project/>. The aim is the presentation of the project through few elements that can be found in the figure below:

- The title and the acronym
- The project logo
- The public abstract



Figure 1 : The project abstract

- Few figures like the EU contribution, the total costs, the project duration in months
- The general progress from the beginning



Figure 2 : The homepage SuperEMFL project

- The H2020 programme acknowledgement

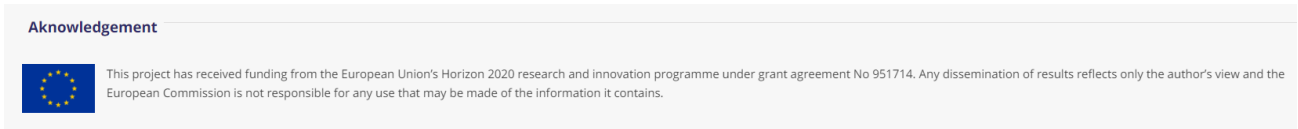


Figure 3 : The H2020 acknowledgement

1.2 Partners' information

All the 11 partners are presented in this page, with an interactive layout that allows to discover the organization's website and social media, plus some information about the contact person. A map localizes them in European context.

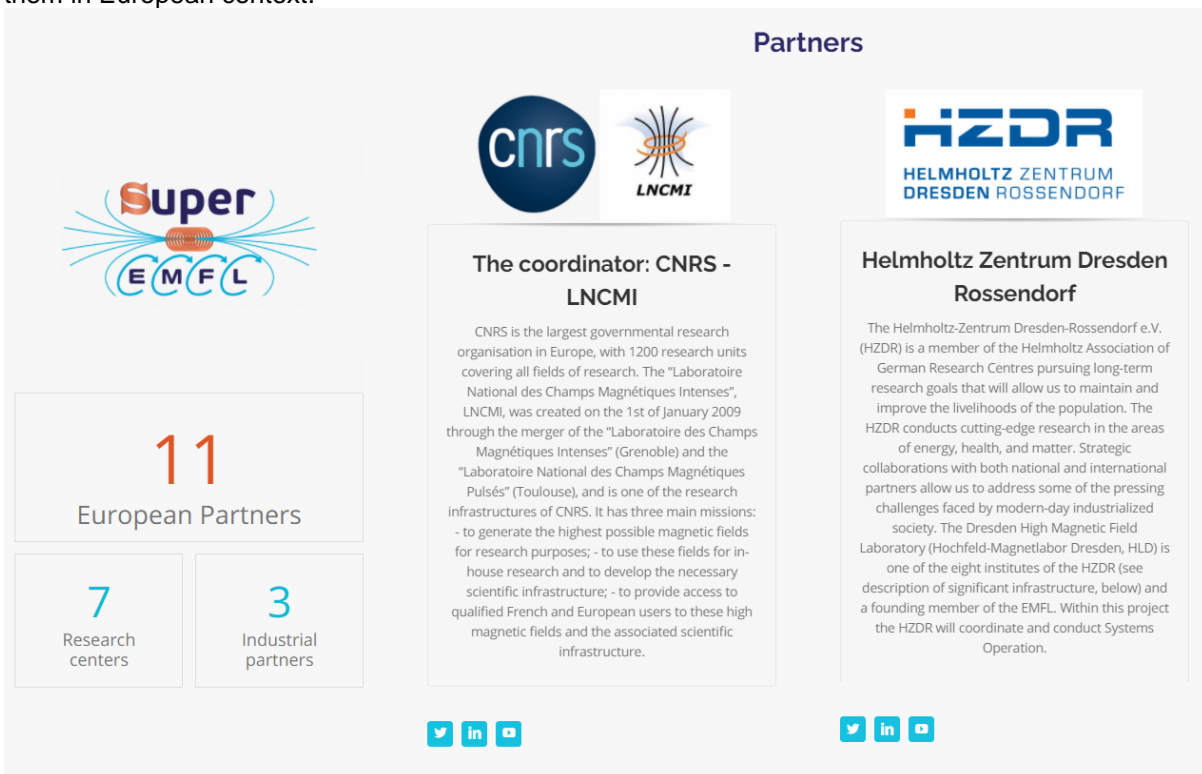


Figure 4: Partners' presentation



Figure 5: Partner's contact person



Figure 6: Partners' Map

1.3 SuperEMFL objectives and results

This page has been constructive to live all along the project. Here the page administrator will add information about project advancement if they are public. Indeed, published results will be synthesized here with the consortium approval.

Objectives

<p>1. Define appropriate specifications... ...such as homogeneity, stability and bore size according to the users' requirements with two targets: a 32+ and a 40+ T all-superconducting user magnets</p> <p>Progress 1%</p>	<p>2. Produce a complete design... ...including a failure mode analysis and a risk assessment of the 32+ T and the 40+ T all-superconducting user magnets including HTS technology in its center with a field strength significantly above the state-of-the-art</p> <p>Progress 1%</p>	<p>3. Develop the complete characterization and qualification... ...(electrical, thermal and mechanical) of HTS conductors and test coils</p> <p>Progress 1%</p>
<p>4. Demonstrate the feasibility... ...concerning technological challenges (interactions HTS/outsert LTS, quench, mechanics ...) through modeling and tests</p> <p>Progress 1%</p>	<p>5. Develop requirements for fabrication... ...in an industrial environment</p> <p>Progress 1%</p>	<p>6. Prepare a funding roadmap... ...to implement each magnet</p> <p>Progress 1%</p>

Figure 7: Objective and Results page

1.4 Events, News and Documents

In this page all events linked to the SuperEMFL project will be publicised. For instance, conferences, meetings, seminars, all events with a public and in which project partners are potentially interested. This page will be useful to build the dissemination and communication plan.

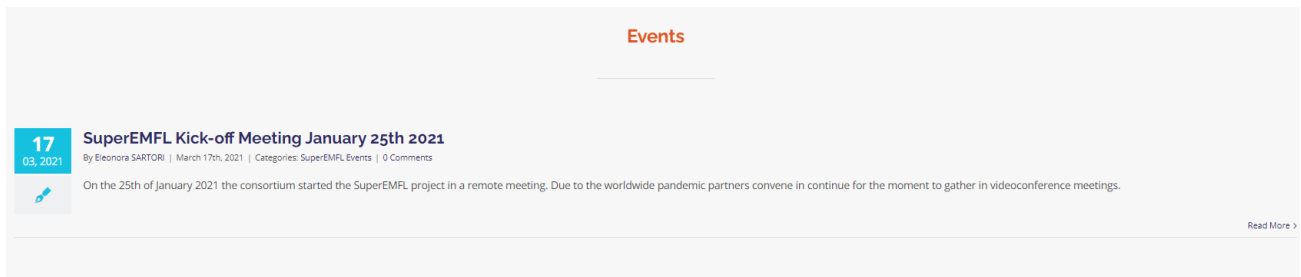


Figure 8: Upcoming and past events page

This page is about News on the topic of the project. If something in particular arrives in the frame of the project or in the same environment that can impact the project, it will be published here. For instance, a scientific publication, a reward, a discovery...

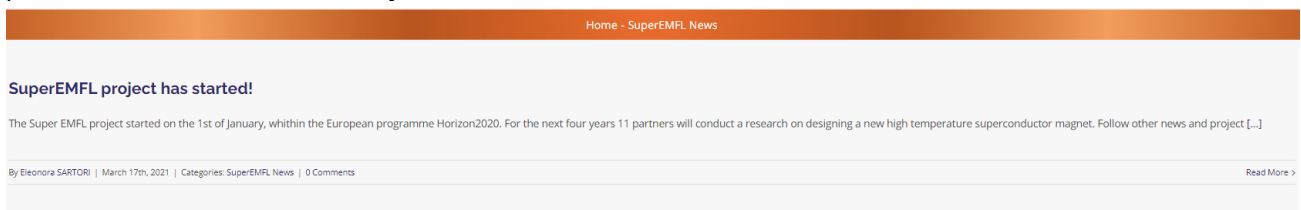


Figure 9: News page

In Documents page it will be possible to download public deliverables, scientific publications, articles and other dissemination materials linked to the project.

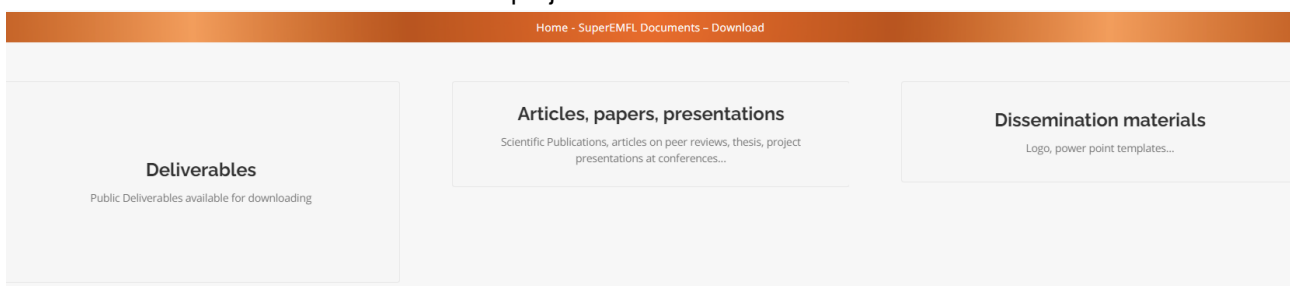
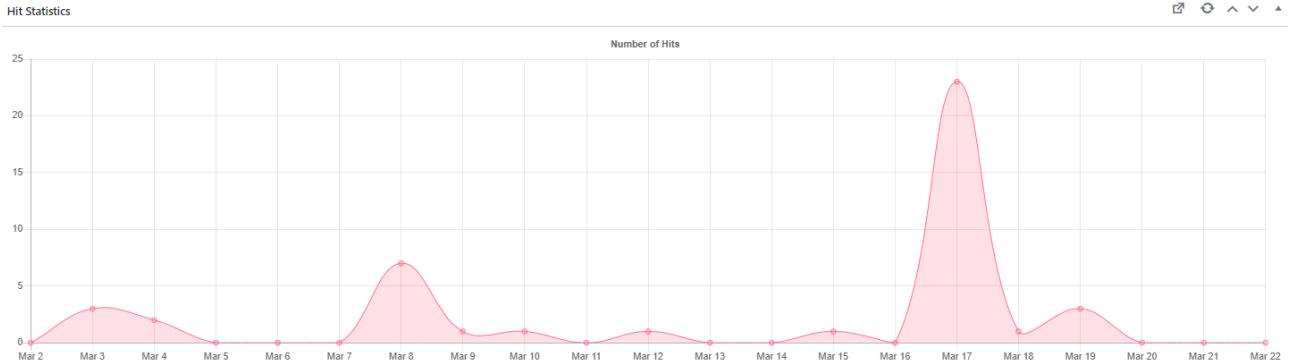


Figure 10 : Documents page

2. Website follow up

2.1 Visualisation statistics

Wordpress provide the statistics to analyse the number of visualizations of the website.



2.2 Hosting and 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 CNRS

condition of security: data centre 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.