



CELL-INTEGRATED SENSING FUNCTIONALITIES FOR SMART BATTERY SYSTEMS
WITH IMPROVED PERFORMANCE AND SAFETY

GA 957273

D6.2 – SENSIBAT PROJECT WEBSITE

LC-BAT-13-2020 - Sensing functionalities for smart battery cell chemistries



Deliverable No.	D6.2	
Related WP	WP6	
Deliverable Title	SENSIBAT Project Website	
Deliverable Date	29-1-2021	
Deliverable Type	OTHER	
Dissemination level	Public (PU)	
Written By	Silvia Bodoardo (POL)	19-Jan-2021
Checked by	Mette Blom (UNR)	19-Jan-2021
Reviewed by	Maaïke van der Kamp (UNR) Iñigo Gandiaga (IKE)	19-Jan-2021 26-Jan-2021
Approved by	Iñigo Gandiaga (IKE)	29-Jan-2021
Status	FINAL	



Summary

A clear and effective website has been created for the SENSIBAT project. The website serves as a primary communication and dissemination platform to reach the widest possible audience. The purpose of this deliverable is to present an overview of the project website and its functionalities. The website is linked to the .eu domain name www.sensibat-project.eu.



Table of Contents

1	Introduction	5
2	Website structure	6
2.1.1	Homepage	6
2.1.2	Project.....	7
2.1.3	Results	8
2.1.4	News & Events	8
2.1.5	Partners.....	9
3	Website Acknowledgements.....	10
4	Conclusions.....	11
5	Risks	12
6	Acknowledgement.....	13

Table of Figures

Figure 2-1	SENSIBAT main website structure.....	6
Figure 2-2	SENSIBAT homepage screenshot.....	7
Figure 2-3	Example of SENSIBAT WP section under Results sub-section.....	8
Figure 2-4	SENSIBAT News sub-section screenshot	9
Figure 2-5	SENSIBAT partners page screenshot	9
Figure 3-1	SENSIBAT acknowledgements screen shot.....	10



1 Introduction

The project website serves as a main tool for communication and dissemination of results. It also provides general information about the SENSIBAT project and its objectives. The website was launched in January 2021 and will be updated on a regular basis. The webpage is available at the URL www.sensibat-project.eu. The web data is secured and will continuously be backed-up. Social media plugins for Twitter, LinkedIn, Facebook and Instagram service are available on the webpage to facilitate further sharing and redistribution of the website content.



2 Website structure

The website contains information about SENSIBAT and its objectives, work packages and impact. The structure of the website should be intuitive and allow the visitor to find the information they need without having to click through many pages. To achieve this, the website is divided into a home page with 4 main subpages: project, results, news and events and partners, see Figure 2-1 for more details.

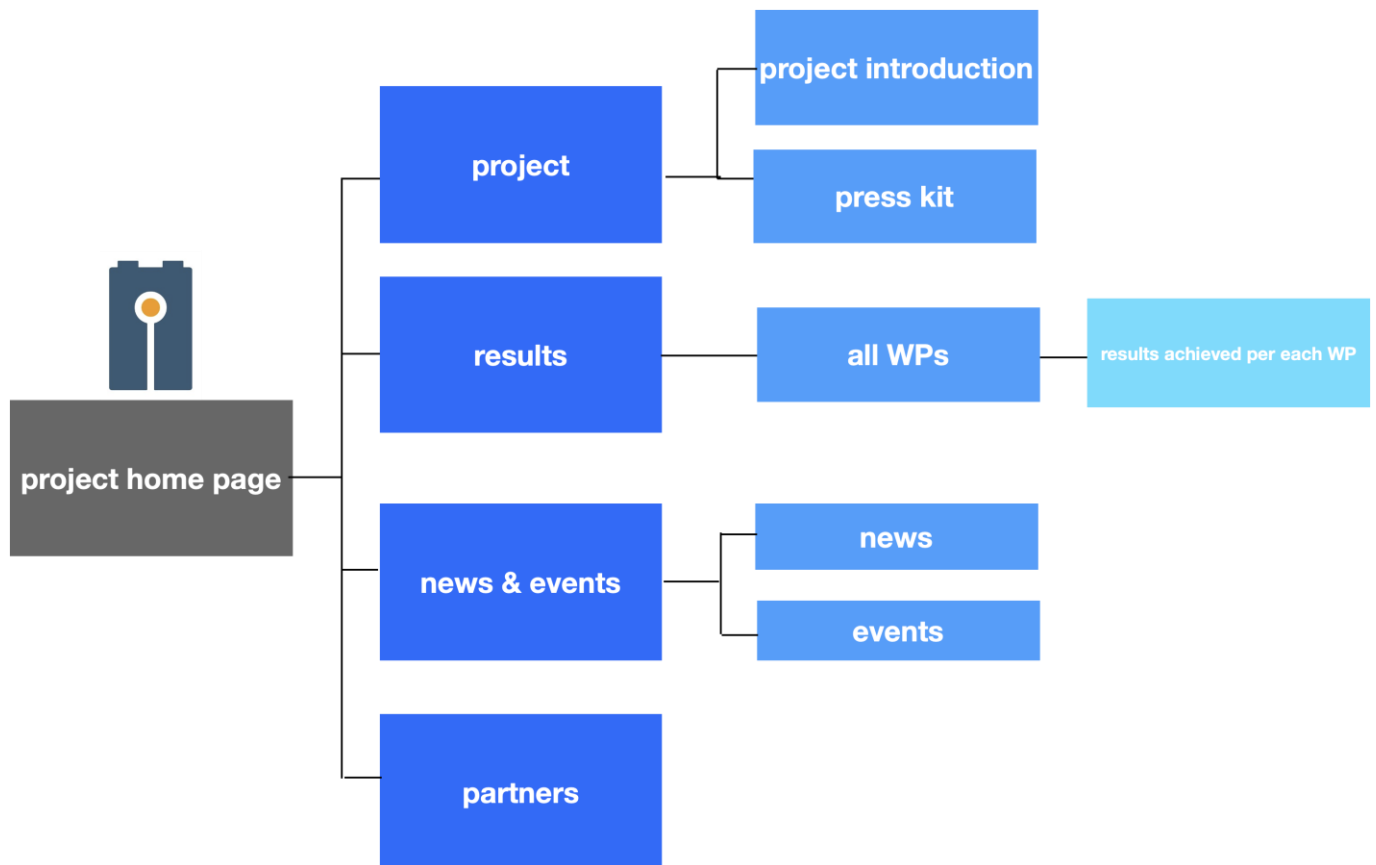


Figure 2-1 SENSIBAT main website structure

2.1.1 Homepage

An overview of the main content and style of the homepage is given in Figure 2-2. The home page contains:

1. A schematic overview of the SENSIBAT concept summarized in simple drawings together with a short description of the project.
2. Link to main results.
3. Facts and Figures, together with the map where partners are located
4. Links to news items, events and publications are present.
5. The SENSIBST approach is shortly explained.
6. The link to Battery2030+ is also present.
7. A direct link to social media (facebook, twitter, Instagram) is also available.
8. Interested parties can contact the project coordinator and management using the direct link to their e-mail address.

The layout of the homepage is chosen to allow the visitor to get an overview of the main aspects of the project by scrolling (e.g. for smartphone visitors) without having to navigate to different pages.



SUBSCRIBE Search...

sensibat Project Results News & Events Partners

Development of sensing technology

Pressure
Temperature
Impedance

Integration of sensing technology in battery cell

Incorporation of battery cells into a battery module

State estimation algorithms based on sensor data

Cost-benefit analysis and recycling study

SENSIBAT Results

- Project Flyer: The project flyer has been ...
- Project Identity: Effective dissemination and communication are ...

Facts and Figures

Project full name: Cell-integrated SENSING functionalities for smart BATTERY systems with improved performance and safety
Acronym: SENSIBAT
Start date: 1 September 2020
Duration: 36 months
Total budget: 3.3 M€
Funding by the EC: 3.3 M€
Partners: 12

Partners

News

Check [all news](#) related to the SENSIBAT project

- Project Handbook: The Handbook contains an overview ...[Read More](#)
- Project Identity: Effective dissemination and communication are ...[Read More](#)
- Project Flyer: The project flyer has been ...[Read More](#)

Events

Check [all events](#) related to the SENSIBAT project

SENSIBAT Approach

The SENSIBAT-project is divided in five steps:

1. Development of sensing technology
2. Integration of sensing technology in battery cell
3. Incorporation of battery cells into a battery module
4. State estimation algorithms based on sensor data
5. Cost-Benefit analysis and recycling study

BATTERY 2030+

SENSIBAT is part of BATTERY 2030+, which is the large-scale and long-term European research initiative with the vision of inventing the sustainable batteries of the future. More information on the BATTERY 2030+ Initiative can be found [here](#).

SENSIBAT in the press

Check online publications about the project

1. BATTERY 2030+ Newsletter November 2020

Project info

- Project introduction
- Newsletters
- Press kit
- Disclaimer / Copyright

Project progress

- News
- Results

Coordination

Ifigo Gandiaga
Ikerlan

Management

Maaike van der Kamp
Uniresearch

Mette Blom
Uniresearch

© 2021 SENSIBAT

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 957273.

Uniresearch - VSD for graphic and webdesign

Figure 2-2 SENSIBAT homepage screenshot

2.1.2 Project

The section "Project" is divided in two subsections: Project introduction and Press kit.

In the "Project introduction" sub-section, the main objectives and how these are in relationship is well evidenced and schematized.

In the "Press kit" sub-section, it is possible to find the SENSIBAT's mission, the logo and flyers, press releases, publications, fact and figures and the main press contacts.



2.1.3 Results

This section is the core of the website reporting main results achieved during the project.

It is divided in the different workpages. Each WP is represented with main results to be achieved, which are highlighted where results are already obtained and this links to a summary of these obtained results. In this summary, a link can be found to the full publication of the result.

Figure 2-3 reports an example of this sub-section with showing how in WP6 "Project identity" is yellow as it is a link to another page where this result is reported and shortly explained.

The "results" section will be updated once the results have been submitted to the European Commission.

The screenshot shows the SENSIBAT website's 'Results' sub-section. At the top, there is a navigation bar with 'Project', 'Results', 'News & Events', and 'Partners' menus, a 'SUBSCRIBE' button, and a search bar. The main content is organized into three work packages:

- Work Package 5 | Testing, validation and assessment (performance, cost, disassembly and recycling)**
 - 1. Test report on cell and module performance and safety
 - 2. Cost-benefit assessment
 - 3. Recycling assessment and integrated validation
- Work Package 6 | Dissemination, communication and preparative exploitation activities**
 - 1. **Project Identity** (highlighted in yellow)
 - 2. Project Website
 - 3. I SENSIBAT Advisory Board Workshop
 - 4. II SENSIBAT Advisory Board Workshop
- Work Package 7 | Coordination and Management**
 - 1. **Project Handbook** (highlighted in yellow)
 - 2. Initial Quality Assurance and Risk Management Plan
 - 3. Initial Data Management Plan
 - 4. Final Quality Assurance and Risk Management Plan
 - 5. Final Data Management Plan

Figure 2-3 Example of SENSIBAT WP section under Results sub-section

2.1.4 News & Events


This section is also divided in two sub-sections: News and Events.

In News subsection link to various news items are available. Currently, this shows the available links to the Project Handbook, Project Identity and Project flyer as reported in Figure 2-4.

The Events section currently links to the Event section of Battery 2030+ website as it provides an excellent overview of all events related to the SENSIBAT Project and the Battery 2030+ initiative.




News



Project Handbook

The Handbook contains an overview of management bodies and information about the project needed in the day-to-day


[Read more →](#)



Project Identity

Effective dissemination and communication are important to ensure adoption of the SENSIBAT technologies during and after the

[Read more →](#)



Project Flyer


The project flyer has been published! You can find the web version below. If you are interested in printing the flyer for further

[Read more →](#)

Figure 2-4 SENSIBAT News sub-section screenshot

2.1.5 Partners

This page provides an overview of the partners in the consortium. The partners are shown on a map to indicate the wide participation from across Europe with information and links to each partner's detailed description. An overview of the content and style of the consortium page is given in Figure 2-5.



SUBSCRIBE

Search...

Project

Results

News & Events

Partners

The SENSIBAT project consortium consists of 12 partners from 7 different European countries.

1. Ikerlan – Spain
2. Bedimensional – Italy
3. Politecnico di Torino – Italy
4. Fraunhofer IISB – Germany
5. Flanders Make – Belgium
6. Technische Universiteit Eindhoven – The Netherlands
7. NXP Semiconductors – The Netherlands
8. NXP Semiconductors – France
9. Avesta Battery & Energy Engineering – Belgium
10. Varta Micro Innovation – Austria
11. Austrian Institute of Technology – Austria
12. Uniresearch – The Netherlands

Show all

Industry

Research

Service












					
					

Figure 2-5 SENSIBAT partners page screenshot



3 Website Acknowledgements

Acknowledgement of EU funding is provided on every page of the website, using the European Union Flag with the text "This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 957273."



Figure 3-1 SENSIBAT acknowledgements screen shot



4 Conclusions

As part of the dissemination and communication plan, the project website has been created and contains information about SENSIBAT and will be improved over the course of the project, to engage with the public and publish project outputs.



5 Risks

No risks related to D6.2 have been identified.



6 Acknowledgement

The author(s) would like to thank the partners in the project for their valuable comments on previous drafts and for performing the review.

Project partners

#	PARTICIPANT SHORT NAME	PARTNER ORGANISATION NAME	COUNTRY
1	IKE	IKERLAN S. COOP.	Spain
2	BDM	BEDIMENSIONAL SPA	Italy
3	POL	POLITECNICO DI TORINO	Italy
4	FHG	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
5	FM	FLANDERS MAKE VZW	Belgium
6	TUE	TECHNISCHE UNIVERSITEIT EINDHOVEN	The Netherlands
7	NXP NL	NXP SEMICONDUCTORS NETHERLANDS BV	The Netherlands
8	NXP FR	NXP SEMICONDUCTORS FRANCE SAS	France
9	ABEE	AVESTA BATTERY & ENERGY ENGINEERING	Belgium
10	VAR	VARTA MICRO INNOVATION GMBH	Germany
11	AIT	AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH	Austria
12	UNR	UNIRESEARCH BV	The Netherlands

DISCLAIMER/ ACKNOWLEDGMENT



Copyright ©, all rights reserved. This document or any part thereof may not be made public or disclosed, copied, or otherwise reproduced or used in any form or by any means, without prior permission in writing from the SENSIBAT Consortium. Neither the SENSIBAT Consortium nor any of its members, their officers, employees or agents shall be liable or responsible, in negligence or otherwise, for any loss, damage or expense whatever

sustained by any person as a result of the use, in any manner or form, of any knowledge, information or data contained in this document, or due to any inaccuracy, omission or error therein contained.

All Intellectual Property Rights, know-how and information provided by and/or arising from this document, such as designs, documentation, as well as preparatory material in that regard, is and shall remain the exclusive property of the SENSIBAT Consortium and any of its members or its licensors. Nothing contained in this document shall give, or shall be construed as giving, any right, title, ownership, interest, license, or any other right in or to any IP, know-how and information.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 957273. The information and views set out in this publication does not necessarily reflect the official opinion of the European Commission. Neither the European Union institutions and bodies nor any person acting on their behalf, may be held responsible for the use which may be made of the information contained therein.