

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

GA 957273

D6.1 – SENSIBAT PROJECT IDENTITY

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



Deliverable No.	D6.1		
Related WP	WP6		
Deliverable Title	SENSIBAT Project Identity		
Deliverable Date	20-NOV-2020		
Deliverable Type	OTHER		
Dissemination level	Public (PU)		
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Approved by	Jon Crego (IKE)	17-NOV-2020	
Status	FINAL	19-NOV-2020	

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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.



Summary

Effective dissemination and communication are important to ensure adoption of the SENSIBAT technologies during and after the project. This deliverable describes the SENSIBAT project identity which contains a logo, leaflet, power point presentation for public presentations, and templates to support deliverable reporting, project presentations, and project meetings. Usage of standard templates ensure that there is consistency and conciseness in the way work is presented through the project duration. The audio-visual material in the form of a promotional video will be made when the battery module with level 1 sensors is ready (month 30).



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1 Introduction

The overall aim of WP6 - Dissemination, communication, and preparative exploitation activities - is to maximise the impact of the results and knowledge generated within SENSIBAT considering economic, commercial, environmental, educational, scientific, and societal aspects. This is based on four pillars:

- To define the communication strategy to reach out society.
- To design the dissemination strategy to transfer the knowledge and maximise the impacts.
- To define the exploitation strategy of the knowledge generated to guaranty effective use of the results.
- To liaise with other battery projects.

Dissemination is the public disclosure of the results of the project in any medium. It is a process of promotion and awareness-raising right from the beginning of a project. It makes results known to various stakeholder groups (like research peers, industry and other commercial actors, professional organisations, policymakers) in a targeted way, to enable them to use the results in their own work. To ensure maximum impact of the project activities and results, it is of paramount importance to have a well-defined dissemination and communication strategy and a consistent way of presenting project results.

This document (Deliverable 6.1) describes the creation of the SENSIBAT project identity and the use of the identity in dissemination tools. It concerns the definition of a graphical project identity composed of visual elements that represent the project. It includes a logo, colours, templates for presentations and text documents. The graphical identity is important for consistent and recognizable communication and dissemination; and together with the guidelines and templates will save time and effort for the members of the consortium. This document also describes the creation of the SENSIBAT flyer as part of SENSIBATs project branding. The audiovisual material in the form of a promotional video has not been made yet. This video will be made at the facility of Flanders Make when the battery module with level 1 sensors is ready (month 30).

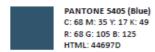
The project identity was developed by Uniresearch (UNR) with contributions from all project partners.



2 SENSIBAT Logo

An exclusive logo and icon for the SENSIBAT project have been created. During the project, the logo and icon will be used on all the dissemination tools.





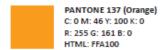


Figure 2-1 SENSIBAT logo with colour information



Figure 2-2 SENSIBAT icon



3 Templates

To support the management of the project and to accommodate and support the partners in their activities a set of templates has been developed that enable the correct use of SENSIBAT's project identity:

- <u>Template for deliverables</u>; is used by the partners to report on the project deliverables. It contains all the necessary parts of the deliverable reports; front/title page, summary, description of work performed, conclusions, risk registry, and acknowledgements (Figure 3-1).
- <u>Template for GA/EB meetings</u>; including progress of each Work Package, planned activities next 3 (EB)/ 6 (GA) months, risk discussion, Gantt chart update, status of milestones and deliverables (Figure 3-2).
- <u>Template for GA/EB meeting agenda and minutes</u>; is used to create the meeting agenda and minutes (Figure 3-3).
- <u>Template Letter</u>; is used for letters related to the project/project results (Figure 3-4).

A template for internal technical reporting (for the internal monitoring procedure/system carried out within SENSIBAT each 6 months) will also be developed.



Figure 3-1 SENSIBAT Deliverable Report (front and title pages)





Figure 3-2 SENSIBAT Presentation Template EB-meetings (example slides)



Figure 3-3 SENSIBAT GA/EB Meeting Agenda & Minutes Template





Figure 3-4 SENSIBAT Letter Template



4 SENSIBAT Project Presentation

A presentation describing the SENSIBAT project, objectives, and target results has been created (Figure 4-1). The presentation is available on Mett for partners to use when presenting results related the project.

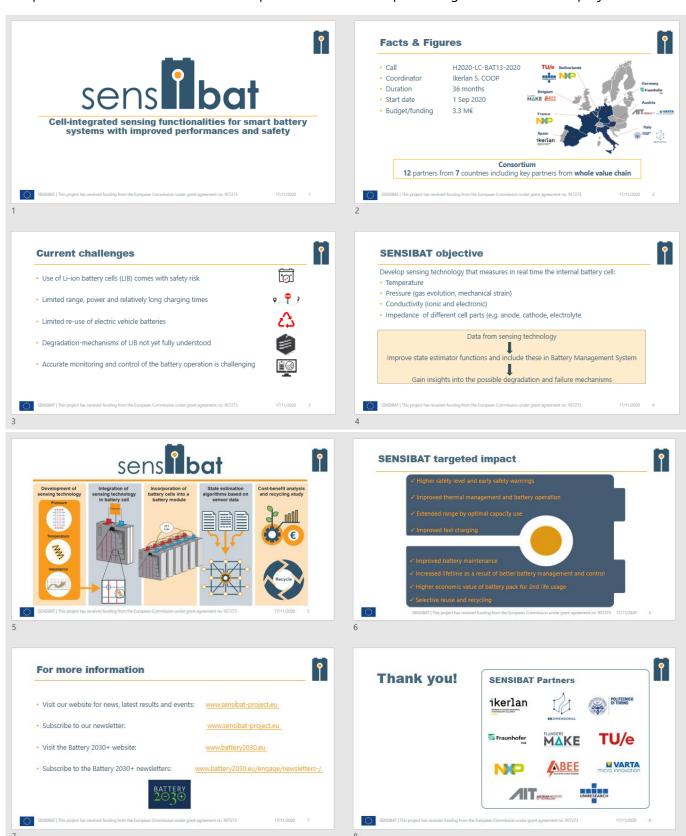




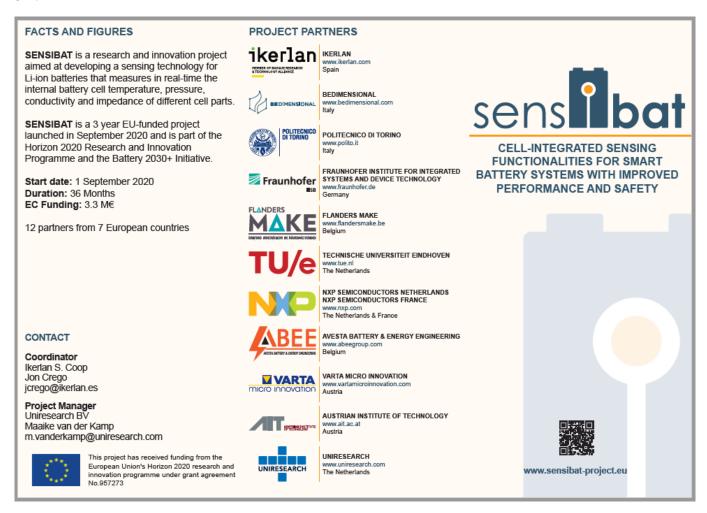


Figure 4-1 SENSIBAT Project Presentation



5 Project Leaflet

To create awareness about the SENSIBAT project, a flyer has been created which can be shared both online and as physical copies. The flyer contains information regarding the SENSIBAT project; partners, contact details, facts & figures, objectives, and targeted uimpact. The style of flyer (colours and graphics) matches the logo to ensure that the flyer is consistent with other SENSIBAT dissemination tools. The SENSIBAT flyer is presented in Figure 5-1.





AMBITIONS

- Development of in cell, faster and more extensive sensing technologies for lithium ion batteries.
- Development of more accurate state functions and battery management systems increasing overall
- Cost effective manufacturing of a 24V battery module equipped with a new slave and master BMS using integrated sensors.

TARGETED IMPACT

- Higher safety level & early safety warnings
- Improved battery operation & thermal management
- Extended range by optimal capacity use
- Improved fast charging
- Improved battery maintenance
- Increased lifetime as a result of better battery management & control
- Higher economic value of battery pack for 2nd life usage
- Selective re-use and recycling

BATTERY 2030+

SENSIBAT is part of the BATTERY 2030+ initiative which is a large-scale research initiative of seven projects and a total budget of 40.5 million euros.



www.battery2030.eu

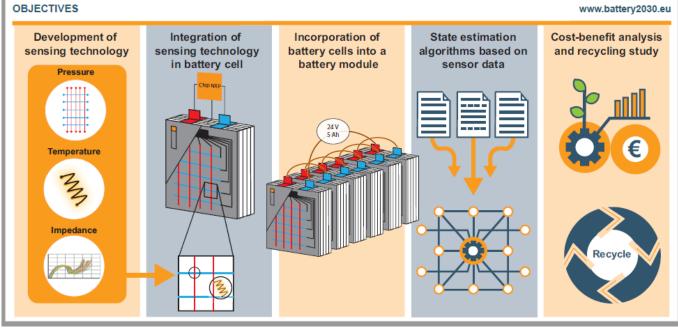


Figure 5-1 SENSIBAT flyer



6 Risks

No risks related to D6.1 have been identified.



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



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

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