

EUROPEAN COMMISSION HORIZON 2020 PROGRAMME - TOPIC H2020-LC-BAT-2020 Sodium-Ion and sodium Metal BAtteries for efficient and sustainable next-generation energy storage

GRANT AGREEMENT No. 963542



SIMBA – Deliverable Report D7.1 – Dissemination tools (website, flyer, project templates)



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Publishable summary

Useful dissemination and communication are important to ensure adoption of the SIMBA technologies during and after the project. This deliverable describes the SIMBA dissemination tools including project logo, website, templates for reports and presentations, flyer, and newsletter. The templates are created to support project presentations, deliverable reporting, meetings and internal reporting. Usage of standard templates ensure that there is consistency and conciseness in the way work is presented through the project duration.



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1 Purpose of the document

Document structure

Chapter 2 Introduction Chapter 3 SIMBA Logo Chapter 4 Templates Chapter 5 Mett Chapter 6 Project website Chapter 7 Newsletter Chapter 8 Flyer

Deviations from original description in the Grant Agreement Annex 1 Part A

- 1.1.1 Descriptions of work related to deliverable in GA Annex 1 Part A $\ensuremath{\text{N/A}}$
- 1.1.2 Time deviations from original planning in GA Annex 1 Part A
- N/A
- 1.1.3 Content deviations from original plan in GA Annex 1 Part A
- N/A



2 Introduction

The overall aim of WP7 - Dissemination, exploitation, communication, and data management - is to increase the visibility of SIMBA and support the impact of the project. To ensure this aim is achieved, the necessary dissemination and communication activities will be planned and undertaken. In addition, a continuous evaluation of impact and planning of exploitation activities are included. The WP7 objectives are:

- To maximize the dissemination of results and to express them in terms that are readily understandable to stakeholders in industry, suppliers and authorities in order to accelerate the implementation of the research findings;
- To promote the dissemination of the project findings through presentations at webinars, technical conferences, scientific publications and the project website;
- To contribute to increase the visibility and synergies between H2020 supported actions;
- To facilitate technology transfer and accelerate dissemination of the on-going project activities;
- To achieve an optimum knowledge management including appropriate handling of IPR; implementation and exploitation of the obtained results.
- To achieve a data management sharing data platform on materials.

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 outreach of the project activities and results, it is of paramount importance to have a dissemination and communication strategy. This document describes the creation of the SIMBA project website, the flyer, the newsletter, and the project templates. The dissemination tools were developed by Uniresearch (UNR).

The dissemination tools are created as part of ST7.1.1: Dissemination tools and materials. Within this task the main objective is to plan the dissemination and communication activities and to provide the necessary material and support to perform the activities. This includes (1) the establishment of a project "corporate" identity with project website and supporting dissemination material and (2) the planning of dissemination activities towards target groups identified, including tailoring of information to the specific needs of the target group.



3 SIMBA Logo

Below, in figure 1, you can find the logo that has been created for this project. During the project, the logo, the icon, and the colors will be used on all dissemination tools.



Figure 1 - Project Logo

4 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:

- <u>Template for internal technical reporting</u>; is for the internal monitoring procedure/system of the activities, carried out within SIMBA each 6 months (see Figure 2)
- <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, like front/title page, publishable summary, description of work performed, conclusions, risk registry and acknowledgement (see Figure 3).
- <u>Template for GA/EB presentations;</u> including Gantt chart, objectives of the WP, progress, risk identification, status of milestones and deliverables, publications, and conferences, planned activities next 6 months (GA) (see Figure 4).
- <u>Template for GA/EB agenda & minutes</u>; is used to create the meeting agenda and minutes of online and offline meetings (see Figure 5).

Additionally a<u>n</u> introduction presentation has been created in which the core values and aims of the SIMBA project are explained.



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Figure 4 - GA & EB presentation template



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SIMBA – GA 1963542 Agenda / Minutes	Page 1/3	SMRA - GA RRESISE Agenda / Minutes Page 1 / 3 SMRA - GA RRESISE Agenda / Minutes	Page 3/3

Figure 5 - GA & EB Agenda and minutes template



5 Mett

Mett is an online tool used in SIMBA to share documents within the consortium (only accessible to the project partners). The tool is hosted by UNR. Documents can be downloaded, uploaded, commented, shared, and new versions can be processed. Examples of documents that are stored on Mett are contractual documents (GA, CA), (draft) deliverables, internal and periodic reports, meeting agendas and notes, templates, and manuals. Any personal data stored on the Mett Platform is processed in accordance with the applicable privacy legislation and the processing agreement concluded between UNR and Mett. In this agreement, UNR is the controller and Mett is the processor.

SIMBA Documents

To share, save and find all documents related to the SIMBA project the below structure is used. Keep the <u>SIMBA contact list</u> with all active members updated. Please inform UNR in case something needs to be updated.

Structure of documents in project:

Contractual
 Deliverables
 Tasks
 Working documents
 Meetings

 Kick-off meeting
 GA
 WP meeting

 Budget
 Templates & Manuals

🖌 EDIT

Figure 6 - Mett



6 Project Website

The project website is the main tool to communicate information about the SIMBA project and its activities to a wide community. Next to the project website, SIMBA also uses the document exchange platform Mett (see Chapter 5) which is a partner restricted area.

The website will be updated during the project and maintained for several years thereafter. As can be seen in Figure 7, the website has an attractive format which is supported by icons and images that have a relation to the project. The purpose of this aspect is to give the website a modern and appealing look and feel. More images will be implemented on the website during the project execution e.g. when relevant project results are produced and made available for dissemination. The website has been designed to act as a contact point for third parties and the public who are interested in the progress and/or outcomes of the SIMBA project. It has a navigation menu structure which provides pages with different content.

Homepage

The homepage presents the fundamentals of the project, a summary of the project, a hyperlink to the concept, result and partner page, and updates from the news and events pages.



The SIMBA project aims at developing a highly cost-effective, safe, all-solid-state-battery with sodium as mobile ionic charge carrier for next generation stationary energy storage applications. Although in many ways Sodium-Ion batteries are like Lithium-Ion batteries, there are still several persistent scientific and technical challenges to be addressed in understanding electrochemical processes and degradation mechanisms, electrode, solid-state electrolyte and cell manufacturing. The SIMBA project aims to solve these challenges and pave the way to market introduction.

More on SIMBA's ambitions and objectives on our project introduction page and check our results timeline regularly to stay updated about our process!







Navigation menu system

On the top of each page the navigation menu can be found. From the menu it is possible to select the following topics: Project and then project introduction, project concept and Press Kit, Results and then Planned & Achieved and Results Through Time, News & Events and Partners. The navigation menu is supported by a considerable number of hyperlinks which will lead the visitor to the right pages.

Project Introduction

In the section 'Project Introduction' (Figure 8) the main goal of the SIMBA project is being described. This gives the visitor an overall introduction of the project, which also can be shared online (Facebook, LinkedIn, twitter, email) with the tools found on the left side of the page.



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	addressing price addressing instance on the price	Project - Results -	News & Events 👻 Partners	
	Project introdu	iction		
)	lithium-ion batteries (LIB) are pro	duced at increasingly large scale resultin	e transition towards a carbon neutral society. Due g in large cost reduction and new opportunities for	or their implementation in energy storage
	reach up to 1300 GWh, compared	to 3-4 GWh installed in front-of-the-m	electric vehicles will increase two to three orders eter today. This leads to concerns about the future	e and long-term availability and cost of
			Although LIBs are excellent candidates for the ele d affordable batteries for stationary storage. In So	
1)	batteries, the critical materials em lower cost next generation energ		ely abundant and sustainable materials paving the	way toward greener, more sustainable,
			a highly cost-effective, safe, all-solid-state-batter Although in many ways SIBs are similar to LIBs, the	
			n understanding electrochemical processes and d s to solve these challenges and pave the way to m	
	value, it will	I target the product market space betwee	en LIB and lead-acid batteries, offering similar per t-advantage of lead-acid (low material cost and ea	formance advantages of LIB (high
	ender y, r	ow volume and weighty but with the cos	and an activities and and activities and and an	are of recycling).
	Project progress	Project info	Coordination	Management
	Planned & Achieved	Project concept	Dr. Magdalena Graczyk-Zajac Dr. prof. Ralf Riedel	Dr. Arjo Roersch van der Hoogte Mrs. Kathrin Metselaar
	Results through time	Newsletters	TU Darmstadt	Mrs. Roos Leupen
	News	Press kit.		Uniresearch

Figure 8 - Project Introduction

Project Concept

In the section 'Project Concept (Figure 9) the overall concept of the SIMBA project is being stated. This gives the visitor an overview of the project, which also can be shared online (Facebook, LinkedIn, twitter, email) with the tools found on the left side of the page.

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 SODIUM-ION AND SODIUM METAL BATTERIES	Project 👻	Results 👻	News & Events 🔻	Partners		
Project concept						
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The complexity of the SIMBA objectives ma the value chain spanning from advanced m manufacturers, and end-users to end-of-life partners having diverse. complementary an strictly technological domain. The SIMBA consortium consists of 16 partn	aterials suppliers and sustainabili d interdisciplinar	, production techn ty experts. This re y backgrounds ex	nology providers, battery equires the involvement of panding well beyond the	of a	C.	
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Press Kit

In the section 'Press Kit (Figure 10) all information regarding the project identity.

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Project

Results

News & Events

Partners

Press kit

Full log

The SIMBA project will develop a novel class of low-cost, high performance battery cells based on high capacity and high energy density materials. Targeted pack costs are expected to fall below. 0.04ξ (*kW*)/cycle gaining a competitive advantage over competing technologies including LIB and redox flow batteries. Having an experienced LIB manufacturer as partner will benefit the route to exploitation. SAT has a dedicated post Li-ion group estabilised that is focusing on SIB in the last couple of years. The SAFT incubator department is working with industrial equipment able to scale-up the processes for electrode and prototype cell manufacturing defined by SIMBA. By working in close relationship with SAFT it is possible to accelerate the manufacturing of new generation SIB prototypes and draw out the route to exploitation. SAFT incubator department is stationary energy storage supply (Yunasko) and an Advisory Board with end users (EnBW and Leclanche) will strengthen SIMBA's the exploitation strategy

The SIMBA project will place special emphasis on disseminating tangible exploitable results at the right time, that are in line with the European Commission 2050 strategy on net-zero GHG emissions, targeted to the relevant audience.

A logo and thumbnail has been developed for the project, both will be to disseminate the project.





Results

The 'Results' section consists of two subsections; Planned & Achieved and Results through time. In the subsection 'Planned & Achieved' visitors can find every deliverable related to the project (Figure 11). When a deliverable has been submitted, it can be downloaded it from the website (by simply clicking on the deliverable title). If a deliverable is public, this will be the full deliverable. If a deliverable is confidential, the public summary will be available.

In the section 'Results through time' visitors can find updates on the SIMBA project linked to a visual timeline. News and events will be included in the timeline as well, see Figure 11.



Figure 11 - Planned & Achieved







News & Events

Both the News and the Events sections will be updated regularly throughout the project. These pages are in line with the dynamic character of the website and encourages the visitors to return to the website regularly (Figure 12). Every post on the News and the Events page will have simple share buttons in the format of a bar on the left side of the page. If visitors would like to share a post via social media (Facebook, LinkedIn, Twitter), this will be the way to do so. It is also possible to send the post via email or print it.





Partners

In the section 'Partners' an overview is presented of all project beneficiaries. It also includes a map that shows where each partner is located. The partners have also been grouped into three different categories (Industry, Research, Service) for easier identification of "who-does-what". The Partners page is shown in Figure 13. From there visitors can connect directly to each partner's subpage which includes a short description of each partners and a link to its official website (Figure 14).





Figure 15 - TUDa & ELKEM partner page

Keep updated

When clicking on the button 'Keep updated' (shown on the top of each page) visitors will be directed to the page where they can subscribe to the SIMBA project newsletter (Figure 16). Interested visitors can register by providing their email address, first name and last name. The contact information will only be used for the SIMBA newsletter, which will communicate project-related information.









7 Newsletter

Throughout the project, bi-annual newsletters will be published reporting the project results achieved in the different periods. Below in Figure 17 you can find the first newsletter. The newsletter is created in Laposta by UNR with input from the coordinator TUDa. Every item includes a link, which leads you to the website of SIMBA. This will create more interaction and more visitors for the SIMBA website. The newsletter will be distributed to the contacts registered in the contact database, the database will be updated via registration via project website and input received from partners.



Figure 17 - Newsletter

8 Flyer

To create awareness about the SIMBA project, a flyer has been created which can be shared online and offline. The flyer contains information regarding the SIMBA project; partners, contact details, facts & figures, objectives, and anticipated results. Colours and graphics have been used that are equal to the logo, which makes the flyer consistent with other SIMBA dissemination tools like presentations and website.







Figure 18 - Flyer



Appendix A- 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.

110jet	Li partners.	
#	Partner	Partner Full Name
1	TUDa	TECHNISCHE UNIVERSITAT DARMSTADT
2	UU	UPPSALA UNIVERSITET
3	UBham	THE UNIVERSITY OF BIRMINGHAM
4	WMG	THE UNIVERSITY OF WARWICK
5	KIT	KARLSRUHER INSTITUT FUER TECHNOLOGIE
6	CEA	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
7	IFE	INSTITUTT FOR ENERGITEKNIKK
8	SAS	USTAV ANORGANICKEJ CHEMIE SLOVENSKA AKADEMIA VIED (Institute
		of Inorganic Chemistry, Slovak Academy of Sciences)
9	FHG	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
10	JM	JOHNSON MATTHEY PLC
11	Elkem	ELKEM AS
12	YUN	YUNASKO-UKRAINE LLC
13	SAFT	SAFT
14	Altris	ALTRIS AB
15	Recupyl	TES RECUPYL SAS
	UNR	UNIRESEARCH BV

Project partners:



Appendix C – Disclaimer/Acknowledgement



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