



Battery System Concepts for Fully Electric Vessels

Introduction



Dear SEABAT Community,

Welcome to the sixth edition of the SEABAT newsletter! In this issue, we are excited to announce the final event of the SEABAT project, which will take place on November 13th at the iconic Porthouse in Antwerp, Belgium. This milestone event will showcase the achievements and innovations of the project, and we can't wait to share it with you. We invite you all to be present on site. Information to subscribe is shared in this newsletter. As we build up to this special day, we've included an exclusive preview in this edition: a collection of photos of our Hybrid Electric Storage System (HESS). The modularity of the system is immediately clear, as from the outside all the modules are the same; but on the inside they are not! You can clearly see the scalability as well: with a simple set of connections, one or more modules can be added or removed. And of course there are many more features. Those we'll gladly explain at our final event.

See you there!

Jeroen Stuys, Project Coordinator, SEABAT Project

SEABAT final event

Join us on November 13th at the Port House in Antwerp for the SEABAT Final Event! After four years of development, we're unveiling a fully electric maritime hybrid system that represents a major leap forward in the electrification and decarbonization of the waterborne transport sector.

This exclusive event will feature a demonstration of the largest and most powerful hybrid battery system built to date, as confirmed by the European Commission. Don't miss the opportunity to explore this pioneering technology and connect with the experts behind it.



Participation is free, but registration is necessary. For more information, visit our [website](#).

Final Steps: A Sneak Peek at the Near-Complete HESS

We're almost there! While the assembly isn't quite finalized yet, we're just one step away—the piping system assembly is all that remains. In the meantime, take a sneak peek at the latest photos of the HESS in its current state. Exciting progress is happening, and we can't wait to share the final system with you!



SEABAT GA07 News update



The 7th General Assembly of SEABAT took place on the 27th and 28th of June 2024 at SINTEF in Trondheim, Norway.

The main goal was to define the course for the final stages of integration and validation, clarify the potential of SEABAT's outcomes, and kickstart the processes for exploitation and valorization.

The first day focused on the current status, while the second day was dedicated to presentations and future planning.

During this GA meeting, a tour of the SINTEF laboratory was also held.

Deliverable reports

D6.3: Report of the Full battery system test program

The purpose of this document is to describe a set of tests to validate that the SEABAT concept works in full scale and to make a first evaluation of hazard in case of faulty batteries.

Click [here](#) to read the public summary.



D7.3: Final Business and Exploitation Plan

Within this deliverable (D7.5) the Final business and exploitation plan is introduced for the SEABAT project. The plans are built upon the Initial business and exploitation plan (D7.3) and on the intermediate results of WP1, 2 and 3 for the project exploitation aspects, needed in the identifications of the stakeholders, market conditions and models on which the business plans are to be built. The initial chapter clarifies the overall goal and objective of the tasks in WP7 related to the exploitation of results.

Chapter 2 deals about the approach to build up the exploitation and business plans with the already delivered results from the SEABAT project. A reference in this part will be made towards WP1 results, Market needs and regulations.

1.1 Path to deliver the innovations to the market

The initially planned routes to deliver the individual innovations to the market have been mentioned in D7.3. Putting the whole path into perspective, figure 1 shows the steps to bring the SEABAT solution to the market.

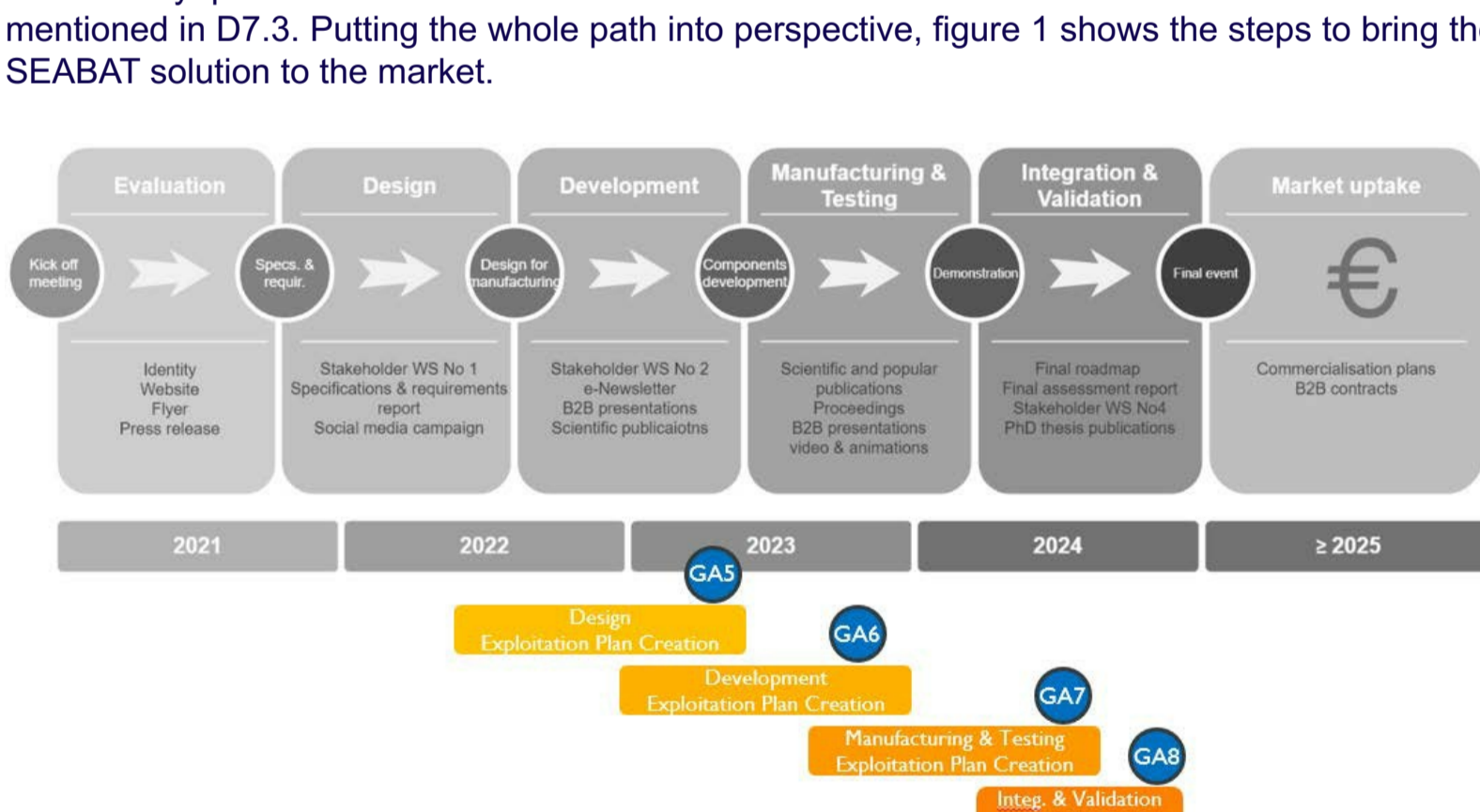
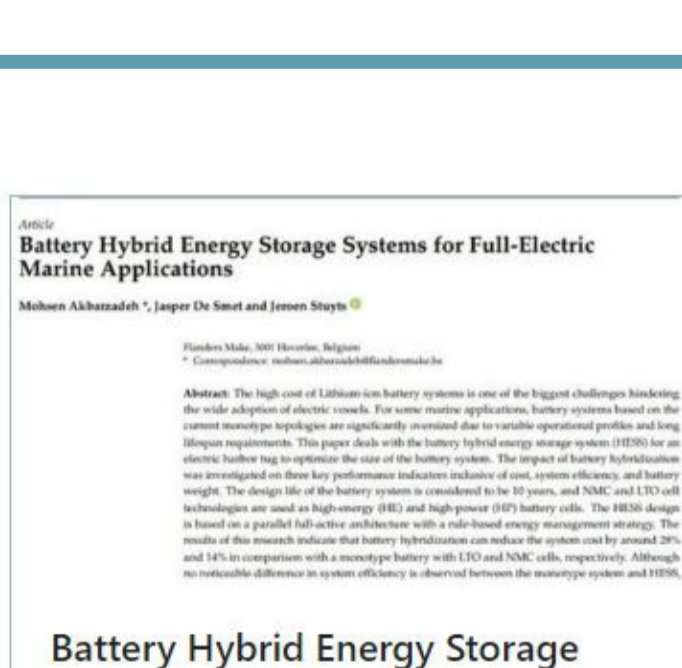
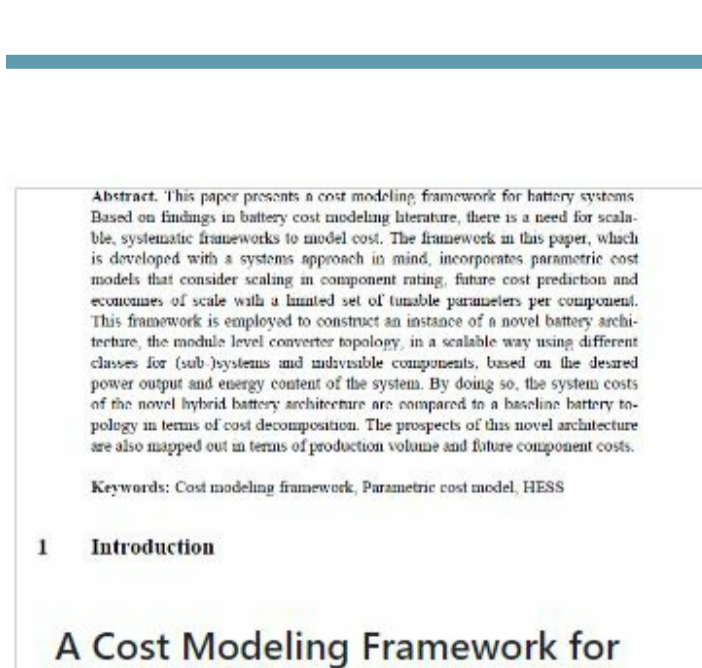


Figure 1: Preliminary dissemination and exploitation timeline

Click [here](#) for more information.

Publications

Click on the images below to view the publications on the SEABAT website



SEABAT Partners



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