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Solutions for large batteries for waterborne transport

GRANT AGREEMENT No. 963560



D7.3 Initial business and exploitation plan

Report details

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Document History

Version	Date	Author	Remarks
V1.0	16-07-2021	Cor van der Zweep	Initial plan
V1.1	10/11/2022	Jeroen Stuyts	Update
V1.2	05/12/2022	Roel Van Thillo	Update
V1.3	20/12/2022	Roel Van Thillo	Update after review
V2.0	27/12/2022	Cor van der Zweep	Final editing and ready for final submission

Project Abstract

The goal of the SEABAT project is to develop a full-electric maritime hybrid battery concept that is based on:

- Modularly combining high-energy batteries and high-power batteries,
- novel converter concepts and
- production technology solutions derived from the automotive sector.

The modular approach will reduce component costs (battery cells, convertors) so that unique ship designs can profit from economies of scale by using standardised low-cost components. The concept will be suitable for ships requiring up to 1 MWh of storage or more.

Public summary

Within this deliverable (D7.3), the Initial business and exploitation plan is introduced for the SEABAT project.

This will be built upon the first proposed exploitation plan as included in section 2 of the SEABAT proposal and on D7.2 'dissemination and communication objectives', describing the different audiences and what tools will be used to reach them.

The initial chapter is the overall goal and objective of the tasks in WP7 related to the exploitation of results.

The second part will deal with the exploitation and business plans with the results developed in the SEABAT project. A reference in this part will be made towards WP1 results, market needs and regulations.

The preliminary exploitable plan comprises of exploitation components, exploitation paths and levels of exploitation. The plan confirms the high value creation potential of the SEABAT project. Regular updates will take place in the course of the project with a final exploitation plan due at the end of the project.

1 Acknowledgements and disclaimer

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:

#	Partner	Partner Full Name
1	FM	FLANDERS MAKE
2	DAMEN	SCHEEPSWERF DAMEN GORINCHEM BV
2.1	DGS	Damen Global support BV
2.2	DRDI	Damen Research Development & Innovation BV
3	FCSI	FINCANTIERI SI SPA
4	RINA	RINA SERVICES SPA
5	SOERMAR	FUNDACION CENTRO TECNOLOGICO SOERMAR
6	VARD	VARD ELECTRO AS
7	ABEE	AVESTA BATTERY & ENERGY ENGINEERING
8	IMECAR	IMECAR ELEKTRONIK SANAYI VE TICARET LIMITED SIRKETI
9	UNR	UNIRESEARCH BV
10	CEA	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
11	Fraunhofer	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
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Table 5.1.1 List of project partners



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