EUROPEAN COMMISSION

HORIZON 2020 PROGRAMME - TOPIC H2020-LC-BAT-2020

Solutions for large batteries for waterborne transport

GRANT AGREEMENT No. 963560



D7.3 Initial business and exploitation plan

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**Report details**

**Document History**

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| Version | Date | Author | Remarks |
| V1.0 | 16-07-2021 | Cor van der Zweep | Initial plan |
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| V2.0 | 27/12/2022 | Cor van der Zweep | Final editing and ready for final submission |
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**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.

# 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. |
| 12 | IKERLAN | IKERLAN S. COOP |
| 13 | MGEP | MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S COOP |
| 14 | SINTEF | SINTEF ENERGI AS |
| 15 | POLITO | POLITECNICO DI TORINO |

Table 5.1.1 List of project partners

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