

Horizon Europe Work Programme



BIG LEAP

Next Generation of Battery Management Systems to increase Interoperability, bridge the Gap between 1st and SL-BESS, Extend Adaptability and emPower battery value chains.

D1.4 - Dismantling study, EO1L battery inventory and Internal delivery plan

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Date: 29/10/2024

Doc. Version: 1.2



Co-funded by
the European Union

Project funded by

 Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Education,
Research and Innovation SERI

Co-funded by the European Union under grant agreement 101137815. Views and opinions expressed are, however, those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor the granting authority can be held responsible for them.

| PROJECT DETAILS | | | |
|----------------------------|--|----------------------------------|------------------------|
| Project name | Next Generation of Battery Management Systems to increase Interoperability, bridge the Gap between 1st and SL-BESS, Extend Adaptability and emPower battery value chains | | |
| Start | 01/01/2024 | Duration | 42M |
| Project acronym | BIG LEAP | GA number | 101137815 |
| Topic identifier | HORIZON-CL5-2023-D2-01-04 | Call identifier | HORIZON-CL5-2023-D2-01 |
| Type of Action | Horizon IA | Coordinator | BRING |
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| DELIVERABLE DETAILS | | | |
|--------------------------------|--|----------------------------|--------------------|
| Number | 1.4 | | |
| Title | Dismantling study, EO1L battery inventory and Internal delivery plan | | |
| Short description | Dismantling study of battery modules and internal delivery plan for first life battery modules for demos | | |
| Work Package | WP1 | Task | 1.4 and 1.5 |
| Dissemination level | SEN - Sensitive | Type | R—Document, report |
| Due date (M) | M10 | Submission date (M) | M10 |
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DOCUMENT HISTORY

| Date | Version | Name | Changes |
|------------|---------|----------------------------|---|
| 18/09/2024 | 0.1 | Rambabu Kandepu | Draft |
| 10/10/2024 | 0.2 | All authors | Version for internal review |
| 23/10/2024 | 0.3 | External Reviewer comments | Review and comments |
| 28/10/2024 | 1.0 | Rambabu Kandepu | Update based on the reviewers' comments |
| 29/10/2024 | 2.0 | Costantino Laureanti | Final review and update |



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Executive Summary

The document is a deliverable from Work Package 1, derived from tasks 1.4 and 1.5. It provides an overview of state-of-the-art dismantling processes from the literature and gives insight into the dismantling processes of the first life battery suppliers in the project. Consequently, it outlines the strategies for reducing dismantling costs for modules from the first life battery systems.

The cost reduction assessment also evaluates the reusability potential of the components from the first life battery systems. The second part of the document focuses on the inventory map of aged batteries and the demo requirements within the project. The inventory map results in making an internal delivery plan for the first-life battery modules. The delivery plan is the key to streamline the requirements to build the demonstrations which would be used to validate the solutions developed in the project. The delivery plan is verified to ensure consistency with the work plan outlined in other relevant work packages