InnoBMS

Welcome Words from Project Coordinator

Dear reader,

The InnoBMS project has reached the end of its first year. During this first year, three milestones on the requirements of the BMS architecture, the EV and V2x use cases definition and the data management protocol were achieved and seven deliverables were successfully prepared and submitted (for more see Expected results - InnoBMS).

Furthermore, InnoBMS joined the Collabat cluster, held an interesting cluster workshop with the NEXTBMS project in Regensburg, Germany, and saw a review article published.

Please enjoy our second issue of the and follow us through this newsletter, our website and LinkedIn to stay updated on the InnoBMS innovations!

Sincerely,
Omar Hegazy
Project Coordinator

InnoBMS Data collection protocol (D2.1)

In a world where data has an increasingly central role, the creation of a data collection protocol in how data is generated and processed within a (research) project should not be underestimated. A data collection protocol serves as a guiding framework for gathering and managing data, ensuring that all necessary information is collected, transferred/shared and stored in a consistent and reliable manner.

To facilitate meaningful interactions between different data sources, helping to create a cohesive understanding of the data flow within the InnoBMS project, our project partner AVL has prepared D2.1 Data collection protocol. For more information, please check the publishable summary on the website.

General Assembly #2 & NEXTBMS cluster activity

On the 17th and 18th of October 2024, the second General Assembly was held in Regensburg, Germany. Hosted by our partner AVL-SFR, the meeting's main focus was on the E/E architecture and how to integrate the BMS and battery pack in the demonstrator vehicles. Furthermore, initial results were presented on advancing modelling features and how to manage the data collection.

Integrated into the General Assembly was the first cluster workshop with the NEXTBMS project. Sharing some of the same partners, the workshop was a great opportunity to align. For more information on the workshop, please visit our website: General Assembly #2 - InnoBMS.

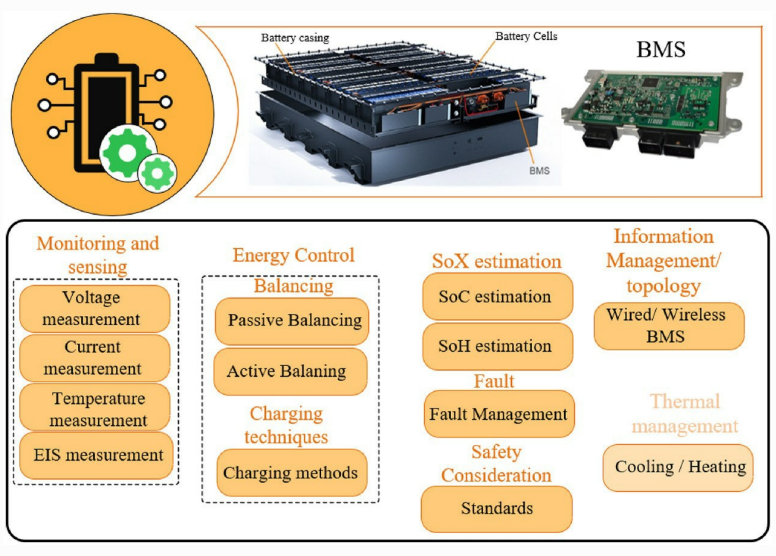
Joining COLLABAT Cluster

Recently, InnoBMS joined the COLLABAT Cluster of Battery Projects. This cluster brings together H2020 and Horizon Europe research projects in the field of battery innovation, especially in the field of battery technology for electric vehicles (BEV). The COLLABAT cluster brings together research projects across the entire battery value chain. In this way, InnoBMS will contribute with our innovative BMS for next generation vehicles.

For more information, please visit the specific LinkedIn page: (3) Collabat - Cluster of H2020 Battery Projects: Posts | LinkedIn

Review Article Published

InnoBMS' latest publication, "Driving the Future: A Comprehensive Review of Automotive Battery Management System Technologies and Future Trends," explores the cutting-edge advancements, challenges, and future directions shaping the world of BMS. The full article is available here.



Facts and Figures

Acronym: InnoBMS
Duration: 42 months
Start date: 01-01-2024
Total budget: € 5,672,894.38
EC Funding: € 4,013,441.88

Please be sure to follow InnoBMS on LinkedIn

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