

# PROJECT PARTNERS



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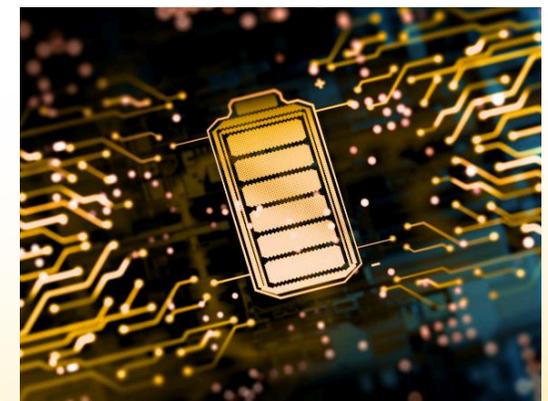
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SITUATIONALLY AWARE  
INNOVATIVE BATTERY  
MANAGEMENT SYSTEM  
FOR NEXT GENERATION  
VEHICLES





## FACTS AND FIGURES



**Start date:** 1-1-2024



**Duration:** 42 months



**Grant number:** 101137975



**EU funding:** € 4.013.442



## MAIN OBJECTIVE

To develop and showcase the best-in-class BMS hard- and software solution, maximizing battery performance in extreme conditions.

**InnoBMS** aims to develop a dynamically responsive battery management system, resulting in maximum battery performance without a negative result in battery lifetime.

**InnoBMS** integrates dynamic situational awareness in the BMS, empowering batteries to operate optimally across diverse scenarios.

## EXPECTED OUTCOMES



An integrated system, highly connected and self-testing, for balanced decisions



Predictive SoX diagnostics to accurately determine the actual state of the battery



Use of advanced models and secure real-time battery management to reduce margins



Collecting and managing data for accurate second life classification, and interfacing to Vehicle-to-everything (V2X) applications



A BMS validated at TRL6 in real driving conditions, in a real vehicle, that enables a battery lifetime of 15 years