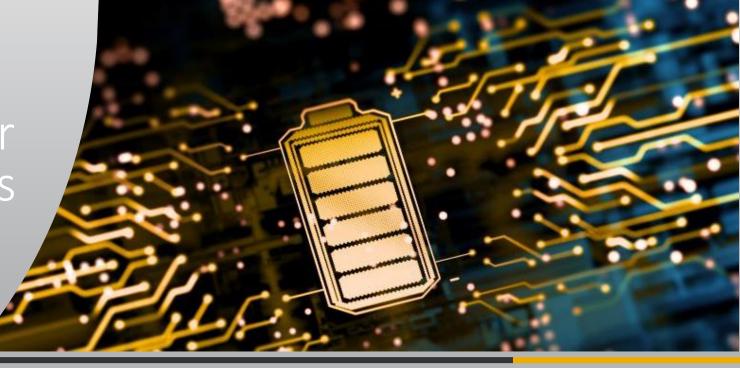


Situationally aware innovative battery management system for next generation vehicles



# Facts and Figures





Start date: 1 January 2024



**Duration:** 42 months



**EU Funding:** € 4.013.442



**Grant number:** 101137975

### Contact





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### **Project Partners**



#### Research

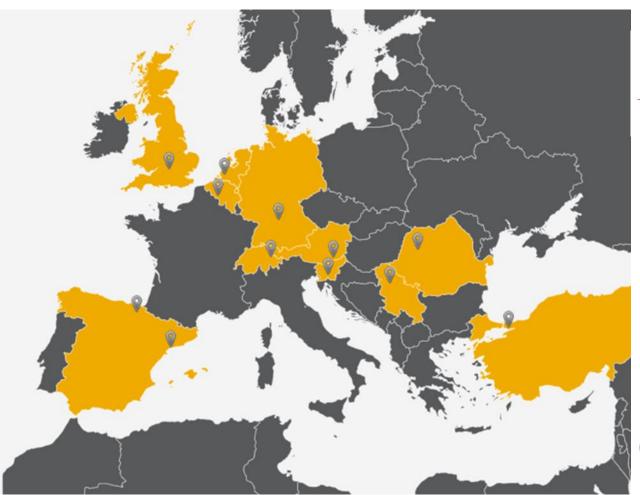












#### **Industry**















### InnoBMS Objectives



To develop and showcase the best-in-class BMS hard- and software solution



Maximizing battery performance in extreme conditions



Develop a dynamically responsive battery management system



Intergrate dynamic situational awareness in the BMS



Empowering batteries to operate optimally across diverse scenarios



Performance without a negative result in battery lifetime

# **Expected outcomes**





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



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





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



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



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

# Follow the project





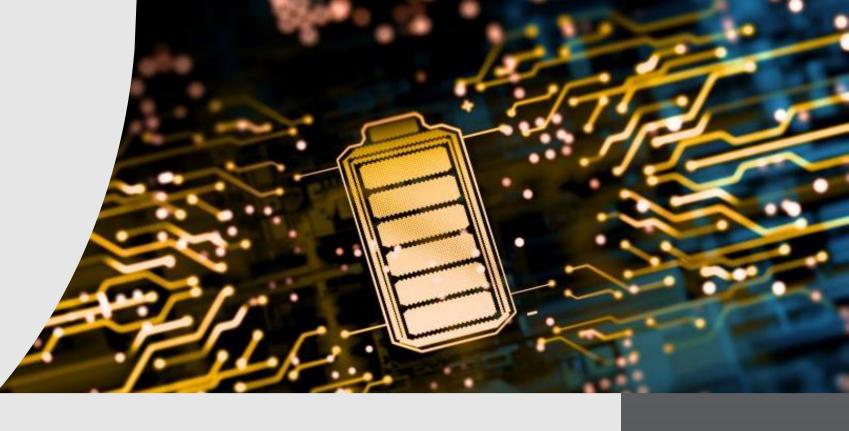


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