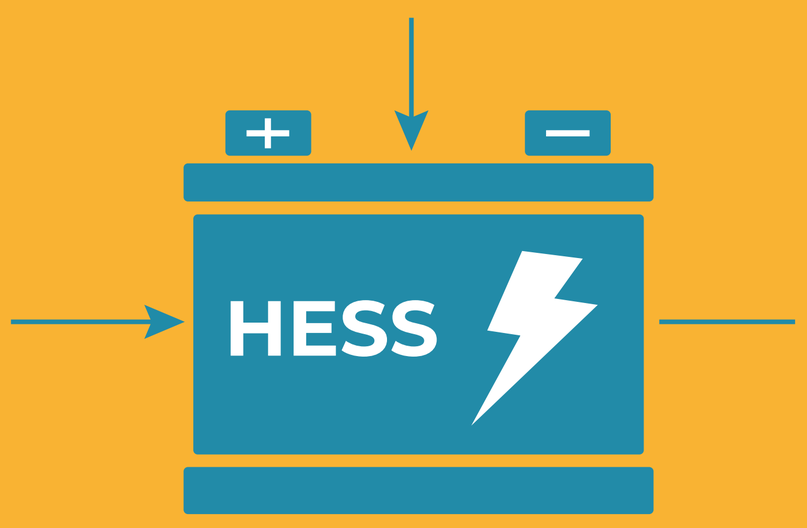
HAVEN

GAME-CHANGER IN THE FIELD OF ENERGY STORAGE SYSTEMS

HAVEN is innovating energy storage systems by developing a Hybrid-Energy Storage Solution (HESS) that can store energy for long periods and provide multiple grid support services. This advanced solution utilizes next-generation storage technologies such as batteries and supercapacitors, optimized power converters, and advanced energy management tools, ensuring modularity, scalability, and cost-effectiveness.

OBJECTIVE



HAVEN to design and demonstrate in relevant operational conditions a smart, highly modular, scalable, sustainable and safe HESS with advanced cognitive functionalities and optimized high-energy (HE) and high-power (HP) capabilities for multi-service provisioning to support the electrical grid and EV charging infrastructure.

IMPACTS

Development of sustainable and safe technologies and systems for decarbonization of transport and stationary applications.

Increased global competitiveness of the European battery ecosystem.

Accelerated growth of innovative, competitive and sustainable battery manufacturing industry.

CONSORTIUM

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Funded by the European Union

Funded by the European Union under grant agreement 101137636. 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.

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