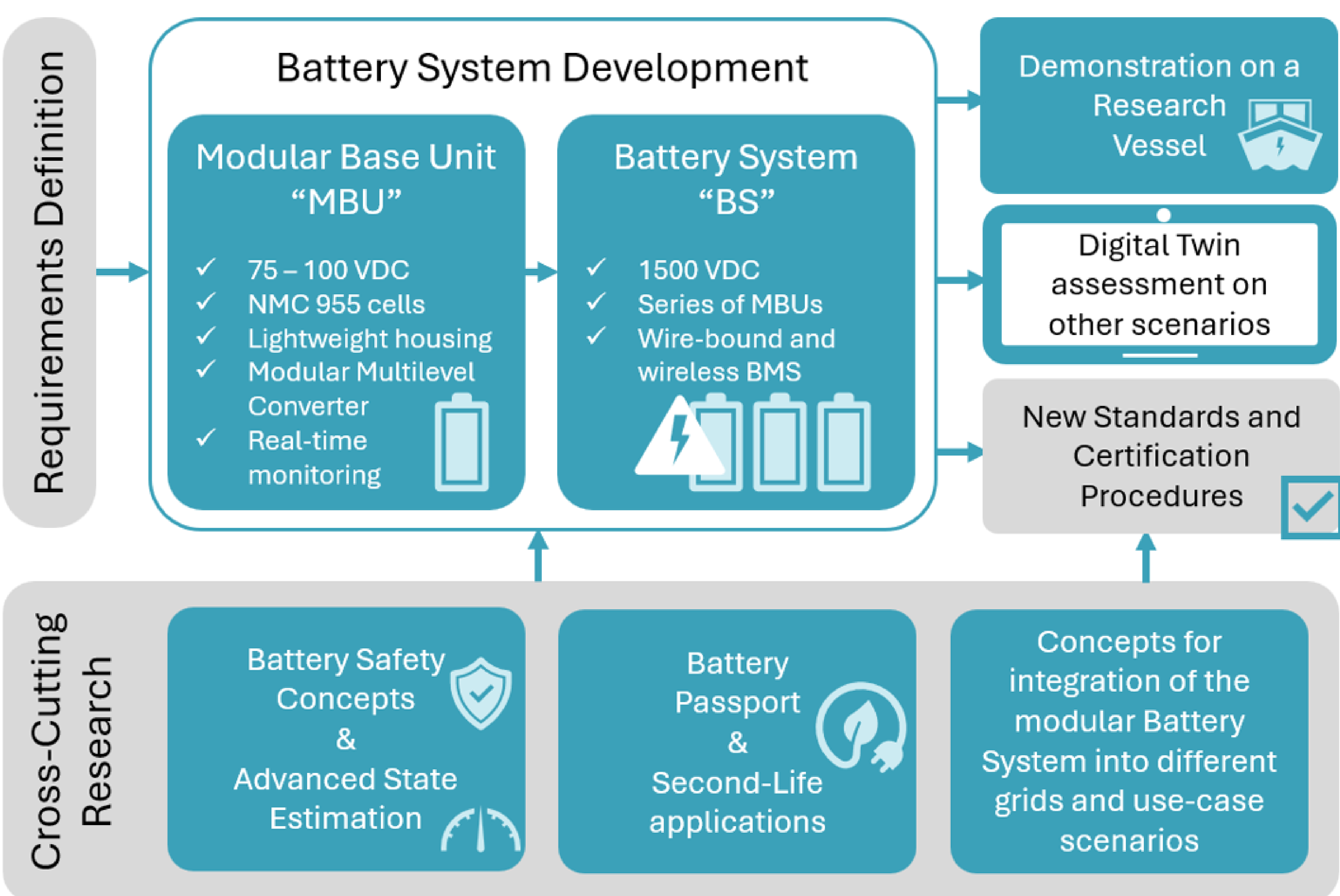




Efficient HV-electric modular battery and distribution systems for sustainable Waterborne VEssels

Project Objectives and Methodology

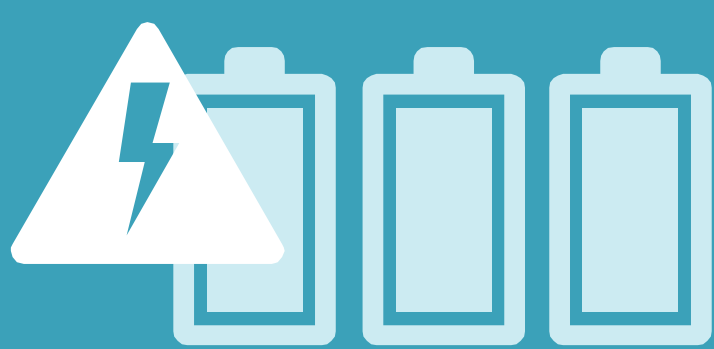


- Safe and Long-life
- System energy density > 185 Wh/dm³
- 20% weight reduction of battery module housing
- HV system at 1500 VDC
- Modular concept scalable to far beyond 1MWh
- Reliable operational life
- Enhanced circularity

Project Main Demonstrators

Real-Life Demonstration on the Research Vessel of DLR

Novel HV Battery System



- Safety Concepts
- SoC, SOH, SoS
- Sustainability

Digital Twin Assessment



RoRo / RoPax Ferry



Inland shipping

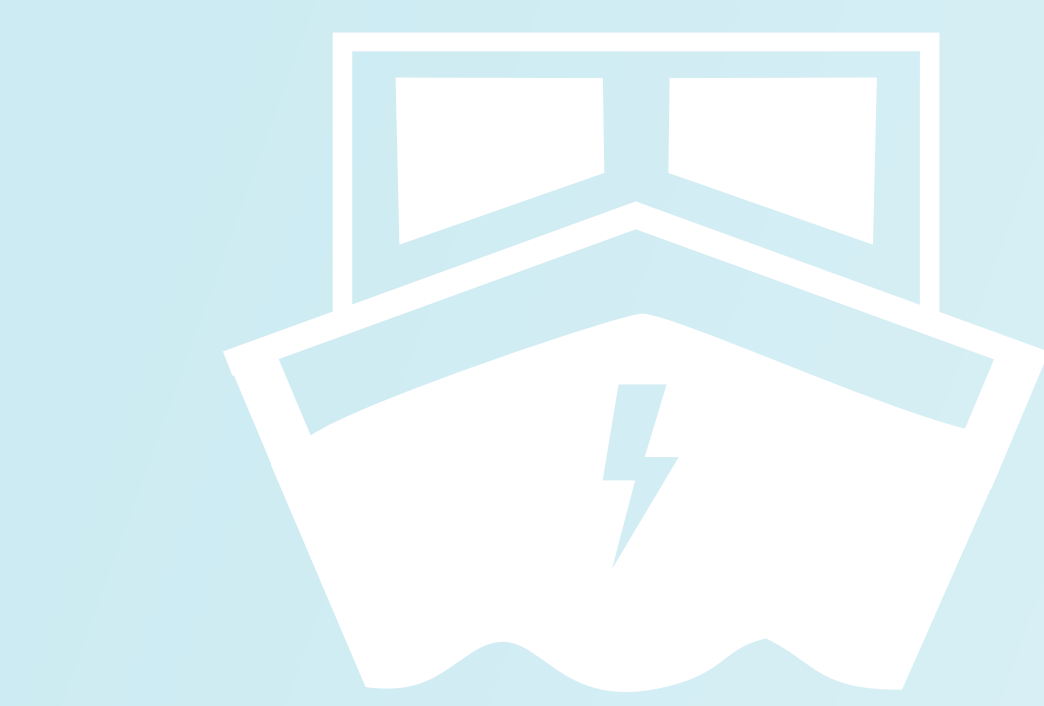
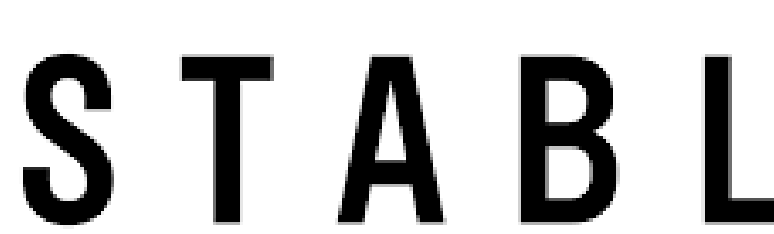


Offshore Supply Vessel



Harbour Tug

18 partners from 9 countries



ewave-project.eu



eWAVE project



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