

InterSTORE gathers 12 partners from Germany, Austria, Italy, Portugal, Spain, Slovenia and Belgium.

Coordinated by RWTH, the consortium includes a unique mix of knowledge and expertise from leading industries and research institutions able to capture the key aspects of the value chain within the InterSTORE interoperability ecosystem.



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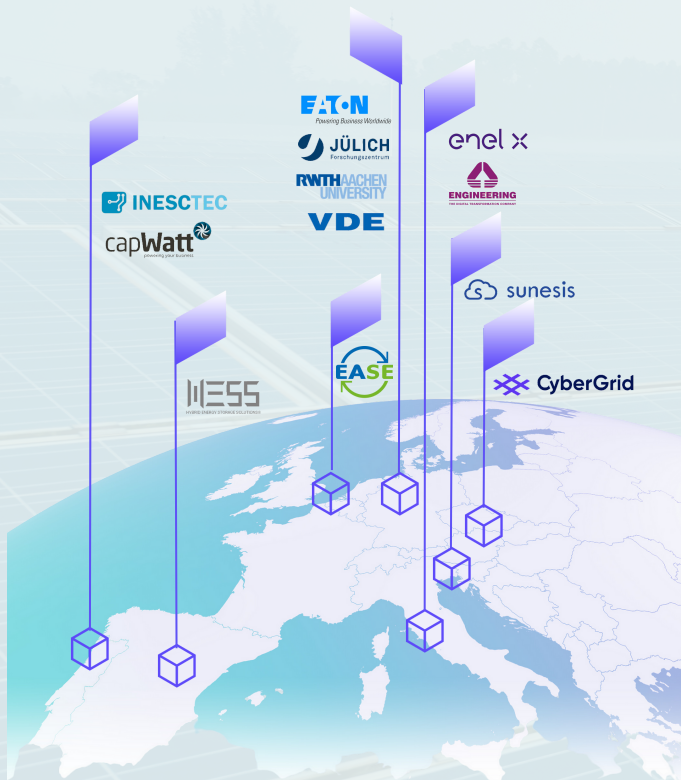
InterSTORE



Member of the BRIDGE initiative



Interoperable open-source
Tools to Enable
hybridisation, utilisation,
and monetisation of
storage flexibility



This project has received funding from the European Commission's Horizon Europe Research and Innovation Programme under Grant Agreement No. 101096511



Develop and deploy the IEEE2030.5 open-source standard to ensure DER interoperability



Integrate and explore synergies of HESS to enable its operation as a conventional BESS with enhanced performance



Demonstrate flexibility provision solution ready, from HESS and its monetization for market integration



Deliver new generation of energy management systems as enablers of HESS integration by developing new use cases



Develop, deploy and validate an open adaption of data connected dataspace building blocks to enable DES data valorisation and data-driven service digitalisation



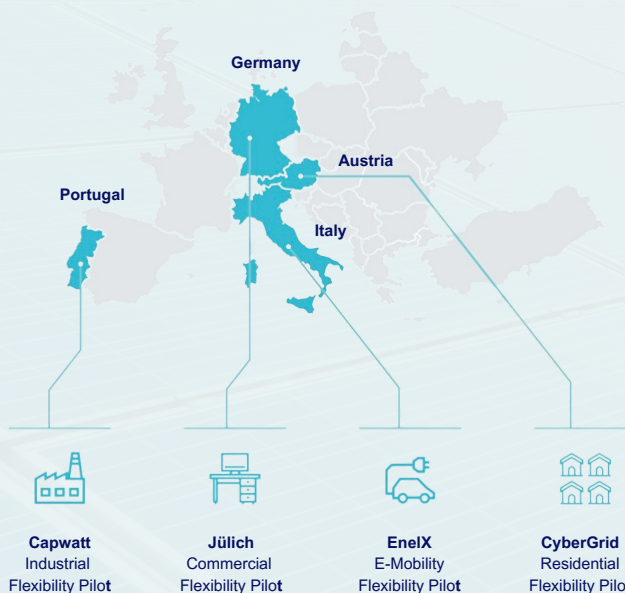
Enable transfer of technology to manufacturers, integrators and other stakeholders while promoting user acceptance



interstore

InterSTORE is an EU-funded project that aims to deliver a set of interoperable **Open-Source tools** to integrate **Distributed Energy Storage (DES)** and **Distributed Energy Resources (DER)**, to enable the hybridization, utilisation and monetisation of storage flexibility, within a real-life environment.

The InterSTORE solution is widely demonstrated in its several perspectives by 4 Pilots to incorporate the hybridization solutions within homes, buildings, EV communities.



Technologies deployed



Technologies for consumers
Home Energy Management System



Grid Technologies
Residential Power Management System



Large-scale storage technologies
Flexibility Management Platform



Distributed storage technologies
Hybrid Distributed EMS



Generation technologies

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