



# PRESS RELEASE

**PARMENIDES Project  
Updates**

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## PARMENIDES from field and social science to the market

The Hybrid Energy Storage System (HESS), part of the Swedish PARMENIDES pilot, has already established communications with the developed Energy Management System EMS4HESS and will be ready for full data exchange in August. It is expected to emulate PARMENIDES' use cases and scenarios from actual apartment sensor data. It will also be used to test and demonstrate the algorithm also being developed to align with PARMENIDES's flexibility strategies, especially that of trade-off exploration/exploitation.

In Gasen, Austria, Experientia designed and conceptualized a public energy dashboard that, within the next few weeks, will show real-time data on local electricity use, generation, and storage. The display promotes transparency and highlights key sustainability metrics, such as self-sufficiency and CO<sub>2</sub> savings.



Figure 1: Dashboard from the Gasen site

The PARMENIDES project has identified 12 Exploitable Results (ERs), with R2M Solution tracking their commercial potential. Among them, three have been selected as Key Exploitable Results (KERs), the most market-ready innovations. These KERs tackle major challenges in hybrid energy storage through ontology-integrated platforms, advanced grid management, and automated optimization between energy communities and grid operators. Each is backed by a tailored business model and supported by R2M's strategic guidance on commercialization, IP protection, and market entry.