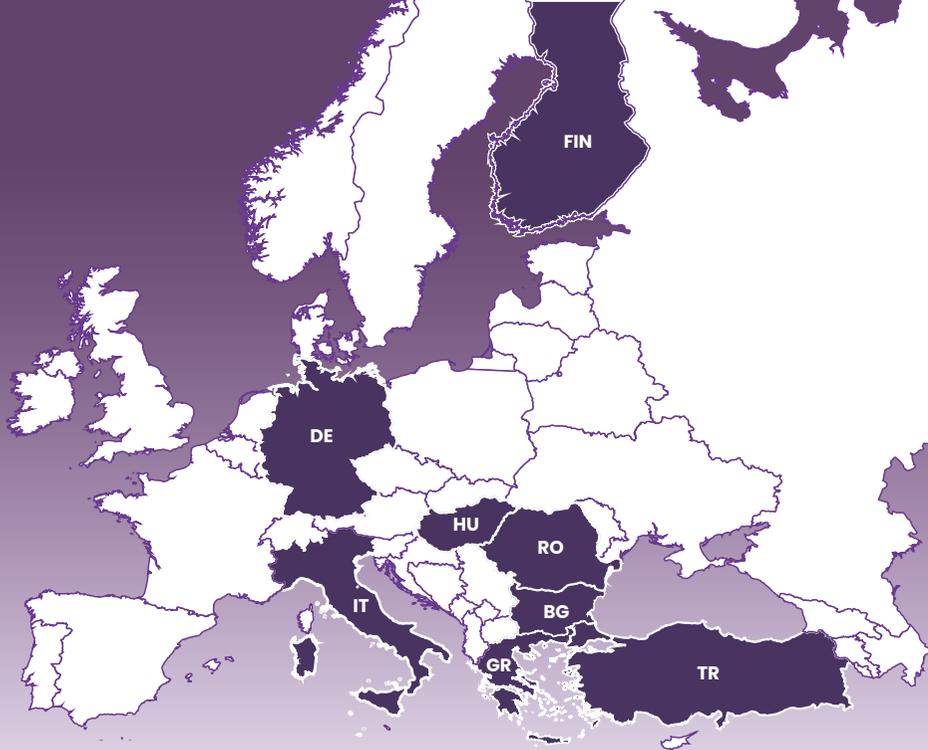


References



Konnekt with
the future



- High performance grid integration & energy optimization
- Total installed capacity of 500 MWh
- Complies with the grid codes of leading European markets
- Seamless integration across different regulatory environments
- Actively engaged in aFRR (automatic Frequency Restoration Reserve) markets



Cybersecurity

Comprehensive protection with industry-standard security protocols.



Software and Industrial Automation Expertise

Advanced expertise in software and automation



Infrastructure

Germany based infrastructure, ensuring robust and dependable operations.



Proven Expertise

PowerKonnekt EMS combines over 4 years of grid-scale BESS expertise with real-time market integration to maximize revenues, optimize renewable utilization, and reduce costs and emissions. Fully developed in-house, it is a scalable, plug-and-play solution seamlessly connecting with PV, wind, EV charging, and hybrid systems while adapting to future energy demands without third-party reliance.

Maximized Value Creation

PowerKonnekt EMS offers full integration and interoperability, enabling participation in virtual power plant networks while seamlessly connecting with third-party SCADA systems, applications, and algorithms. Its brand-agnostic, modular design ensures compatibility with major hardware, ENTSO-E standards, and national grid codes, optimizing battery-to-PCS performance and supporting scalable, future-ready energy systems.

Control

PowerKonnekt EMS enables secure, real-time remote monitoring and control through scalable cloud integration, giving operators full flexibility and accessibility. With advanced analytics, long-term data storage, and proactive alerts, it supports informed decision-making, financial modeling, and optimization strategies to maximize system efficiency.

Reliability and Resilience

PowerKonnekt EMS safeguards data integrity with advanced encryption, role-based access control, and secure firmware updates. Its self-healing mechanisms and rapid fault detection minimize downtime, ensuring reliable and continuous operation.

User-Centric Design and Life-long Support

PowerKonnekt EMS features intuitive dashboards that simplify energy management across all operational scales. It also provides first-year complimentary maintenance, with flexible service extensions available to ensure long-term reliability and peace of mind.