



An ITEA Smart industry project

MIRAI

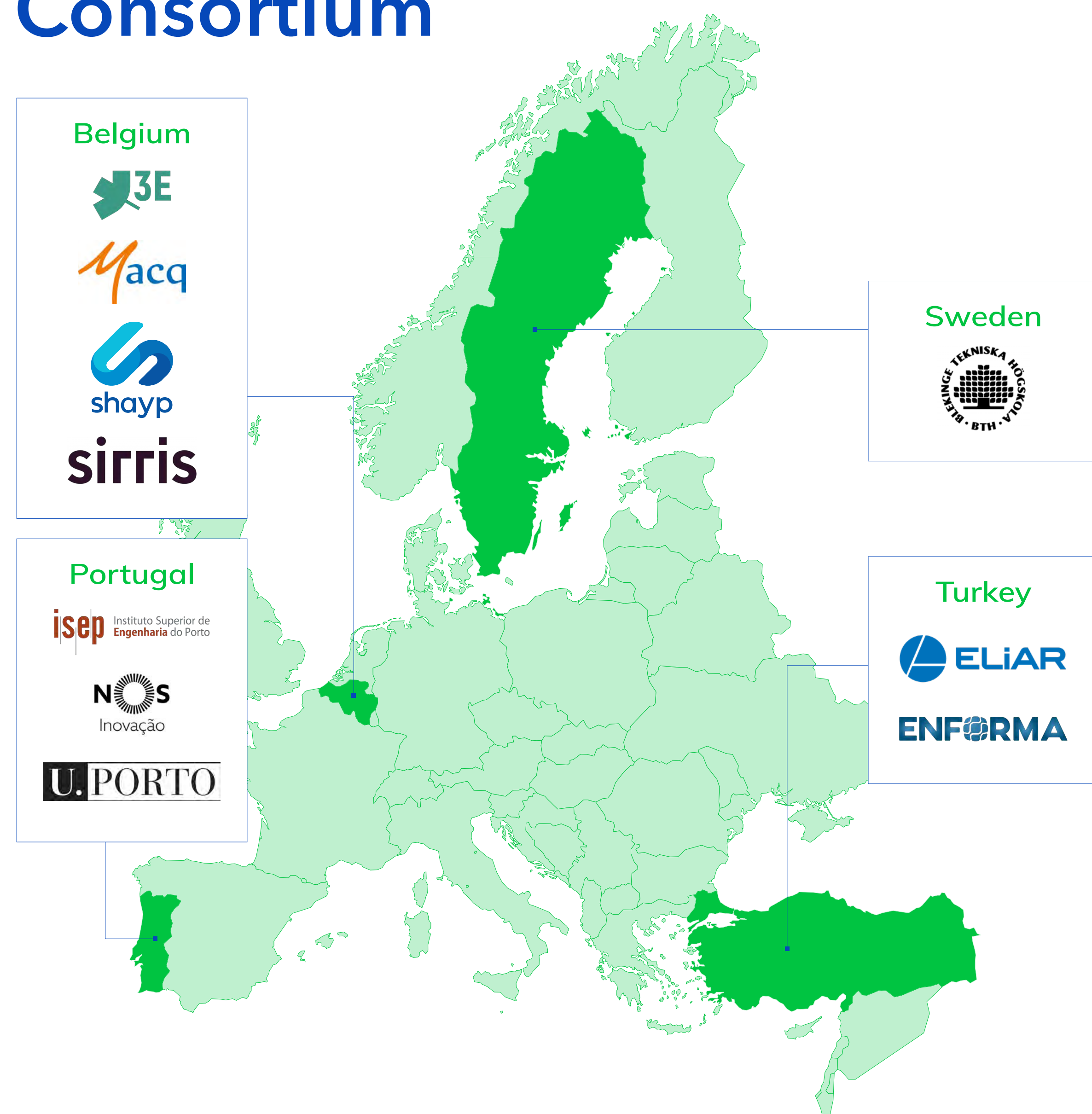


Machine intelligence techniques for smart and sustainable planning and operation of IoT and Edge computing applications

Project summary

MIRAI focuses on a distributed artificial intelligence approach for edge devices. By facilitating edge computing approaches that scale vertically to the cloud and horizontally to other devices, Internet of Things applications can be planned and operated more efficiently, securely, and timely.

Consortium

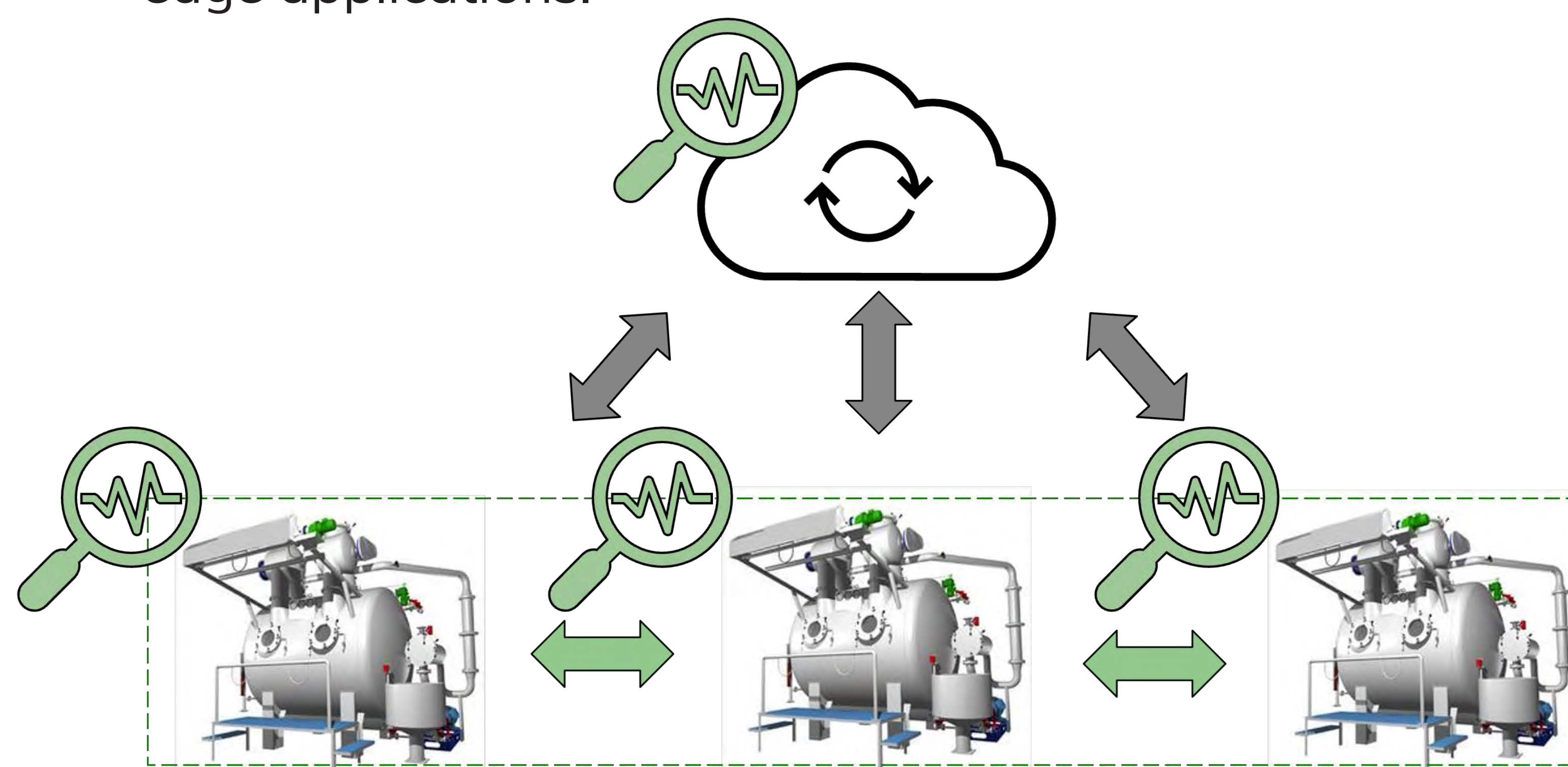


Unique advantages

1. Scalable, low-latency distributed ecosystem for AI-enabled computing in IoT
2. Increased robustness by enabling new failover approaches & decreased criticality of network problems
3. Increased security & privacy by executing computations near the data source

MIRAI intelligence framework

As a decentralized intelligence framework, MIRAI will enable the optimal distribution of AI computing tasks and workloads across existing computing nodes, serving as a truly scalable edge computing software toolkit for IoT and edge applications.



Project duration

December 2020 - June 2024



project-mirai.eu



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