

Partner Offer

Date of Submission: 03.04.2026

We are... ☒ offering ourselves as partners ☐ looking for a partner to join our consortium

Horizon Europe Call Topic

HORIZON-CL5-2026-11-D3-23: Data sharing to support the training and development of AI foundation models in the energy sector

Description of your expertise / the expertise you are looking for

The Problem: Training powerful AI foundation models for energy forecasting, supply/demand optimization, and grid observability requires massive transnational datasets. However, pooling critical infrastructure and consumer energy data into centralized clouds introduces severe privacy (GDPR) and cybersecurity (NIS2) vulnerabilities, halting cross-border data sharing.

The Solution: 8peaks provides a Sovereign Agentic AI platform that enables secure, federated training of energy foundation models. By bringing the computation to the data via decentralized nodes and secure data space connectors, we ensure zero exfiltration of sensitive grid telemetry.

Our Specific Expertise:

- **Federated AI Infrastructure:** We provide the orchestration layer that allows AI models to train across distributed, confidential energy datasets without centralizing the raw data.
- **Synthetic Data Generation:** Secure, localized sandbox environments to generate high-quality synthetic data, filling forecasting data gaps while strictly preserving consumer privacy.
- **Automated Compliance Guardrails:** Our MCP gateway natively enforces EU AI Act and NIS2 constraints for critical energy assets.

Call to Action: We seek to join a D3-23 consortium as the core Sovereign AI / Infrastructure partner to manage the secure data-sharing and federated training architecture.

Keywords describing your expertise / the expertise you are looking for

Federated Learning, AI Foundation Models, Energy Data Spaces, Sovereign AI, Synthetic Data, Grid Forecasting, NIS2 Compliance, Edge Computing, Privacy-Preserving AI.

Organisation information

Name of your organisation:
8peaks

Type of organisation:

☐ Industry (Large)

☒ Industry (SME)

☐ University or College

☐ Research Institute

☐ Public Body

☐ Other, please specify: [Click here to enter text.](#)

Previous participation in an EU project? ☐ No ☐ Yes, please specify: Click here to enter text.
Website: https://8peaks.io
Description of your organisation or the consortium for which you need a partner: 8peaks (Antwerp, BE) solves the "Data Sovereignty" bottleneck for EU energy and AI projects. For a D3-23 consortium (composed of energy communities, DSOs, and AI researchers), we act as the technical infrastructure partner. We provide the secure, ready-to-use Sandbox and orchestration layer where partners can train and benchmark Generative AI / forecasting models securely across borders.

Contact details

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