French Coordinator is looking for companies from the UK, Germany and Canada for Eurostars Call

Summary

Profile type
Research & Development Request

Company's country
France

POD reference
RDRFR20251114008

Profile status
PUBLISHED

Type of partnership
Research and development cooperation agreement

Targeted countries
- **Canada**
- **United Kingdom**
- **Germany**

Contact Person
Enrico FRANZIN

Term of validity
14 Nov 2025
14 Nov 2026

Last update
14 Nov 2025

General Information

Short summary

The French company who can be a Coordinator is looking for partners exclusively from Canada, Germany and the UK for the next Eurostars Call.
The rapid growth of generative AI increases its environmental footprint, yet current cloud metrics fail to reflect actual resource use. The Project aims to build and test a reliable method to link usage metrics to real energy and hardware impacts.

Full description

The rapid growth of generative AI (GenAI) is accelerating digital transformation but also increasing the ICT sector's environmental footprint. Training, fine-tuning, and large-scale cloud deployment require massive computing resources, generating high energy use and embodied emissions.
Current cloud metrics (tokens) fail to reflect actual hardware use, energy consumption, or lifecycle impacts, limiting transparency and comparability.
The lack of standardised, verifiable methodologies hinders the integration of sustainability metrics into AI governance and design.

Advantages and innovations

The work will deliver a harmonised, validated method linking AI usage metrics to real-world energy, hardware, and emissions data.
Integrated into our fruggr platform, it will give AI developers actionable insights to design leaner, more resource-efficient models.
To ensure accuracy and industry adoption, the project will partner with AI hardware and infrastructure providers to run large-scale, real-world impact measurements on their systems.
These improvements will cut environmental impacts while reducing operational costs through lower energy and hardware demands.

This will directly support the European Green Deal, AI Act implementation, and a competitive, low-carbon AI ecosystem.

Technical specification or expertise sought

They look for a company capable:
AI Hardware Providers
- Proven track record in designing or manufacturing GPUs, AI accelerators, or custom chips for AI workloads.
- Ability to share technical specifications (TDP, FLOPS, memory bandwidth) and facilitate on-site or remote performance/energy testing.

HPC/AI Server Manufacturers
- Expertise in building high-performance computing architectures optimized for AI.
- Experience in integrating and benchmarking large-scale AI systems.

Cloud Infrastructure Operators
- Operation of large-scale, AI-capable cloud environnements (public, private, or hybrid).
- Experience with workload monitoring, energy metering, and infrastructure optimization.

Supercomputing Centres
- Operation of Tier-0/Tier-1 HPC facilities.
- Experience running large AI training and inference workloads, and collecting detailed performance and

Stage of development

Under development

Sustainable Development goals

• Goal 9: Industry, Innovation and Infrastructure

IPR Status

No IPR applied

IPR Notes

Partner Sought

Expected role of the partner

They look for : AI Hardware providers, High-performance server manufactures, Cloud infrastructure operators

They are seeking for a hosting company with AI materials and services to gives the possibility to test the impact of different AI models they will develop.

- AI Hardware Providers – Manufacturers or designers of GPUs, AI accelerators, and specialized computing equipment to provide technical specifications and enable real-world measurement campaigns.

- High-Performance Server Manufacturers – Producers of HPC and AI-optimized servers to support environmental impact testing on representative architectures.

- Cloud Infrastructure Operators – Providers of large-scale, AI-capable cloud platforms, ideally based in Europe, to validate the methodology in production environments.

- Supercomputing and HPC Centres – Facilities with large-scale computing resources to run benchmark tests and analyze workload efficiency.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME 50 - 249**
- **SME <=10**
- **Big company**

Call Details

Framework program

Eureka

Call title and identifier

Eurostars
https://eurekanetwork.org/programmes-and-calls/eurostars/

Submission and evaluation scheme

Anticipated project budget

Coordinator required

No

Deadline for EoI

31 Dec 2025

Deadline of the call

31 Mar 2026

Project duration in weeks

Web link to the call

Eurostars
https://eurekanetwork.org/programmes-and-calls/eurostars/

Project title and acronym

Dissemination

Technology keywords

Market keywords

- **02007016 - Artificial intelligence related software**
- **02007020 - Artificial intelligence programming aids**
- **02007021 - Other Artificial intelligence related**

Targeted countries

- **Canada**
- **United Kingdom**
- **Germany**

Sector groups involved

- **Digital**