Eurostars-3 Joint Call 2026: Danish SME seeks regulated-sector SME/R&D partner to co-develop neuro-symbolic compliance engine for sovereignty-by-design, verified cloud deployments

Summary

Profile type	Company's country	POD reference
Research & Development Request	**Denmark**	**RDRDK20260415014**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Research and development cooperation agreement**	**• All countries**
Contact Person	**Term of validity**	**Last update**
Enrico FRANZIN	**15 Apr 2026** **15 Apr 2027**	**15 Apr 2026**

General Information

Short summary

A Danish deep-tech SME active in autonomous software delivery is preparing a Eurostars project focused on developing a compliance-by-design engine for cloud deployments in regulated environments. The project aims to combine neuro-symbolic artificial intelligence with formalised DevOps workflows to ensure secure, sovereign and regulation-compliant infrastructure deployment. The organisation seeks an SME or R&D partner with expertise in regulated digital services, cybersecurity compliance.

Full description

Modern software development benefits from rapid AI-assisted coding, yet the deployment of production-ready infrastructure remains slow, manual and error-prone. Many organisations lack advanced DevOps expertise and face significant regulatory barriers when deploying cloud infrastructure in compliance-heavy sectors such as finance, healthcare or public services. Existing AI-driven deployment tools often rely on probabilistic models that may generate insecure or non-compliant configurations, creating unacceptable risks in regulated environments.

The project addresses this challenge by developing an autonomous DevOps engine based on a neuro-symbolic architecture. The approach combines a curated DevOps knowledge graph encoding best practices for security, scalability and cost control with an agent-based workflow system that executes infrastructure deployment as deterministic, auditable procedures rather than probabilistic guesses. Fine-tuned AI agents translate developer intent into infrastructure-as-code that is continuously verified against encoded rules to prevent configuration errors and regulatory violations.

Within the proposed Eurostars project, the current system will be extended into a “sovereignty-by-design” deployment engine. This will enable organisations to use global hyperscale cloud resources for compute-intensive workloads while ensuring that sensitive data, control planes and compliance-critical components remain within EU-sovereign infrastructure. The project will focus on embedding regulatory requirements such as data residency, security controls and operational governance directly into automated deployment workflows.

The consortium will jointly define regulatory standard operating procedures, implement a formal verification “safety kernel” for infrastructure compliance, and validate the solution through real-world pilot deployments. The project is expected to run for 104 weeks under the Eurostars-3 Joint Call 2026, with an anticipated total budget of EUR 1.5–2 million.

Advantages and innovations

Deterministic, auditable automation for regulated deployments: a neuro-symbolic design (knowledge graph + verification logic) targets repeatable outcomes rather than probabilistic “best guesses,” supporting traceability and compliance evidence.

Compliance embedded into operational execution: “policy-as-code” and SOP-driven workflows aim to make security and regulatory controls default behaviors, not post-deployment checklists.

Sovereignty-by-design for hybrid cloud: the project targets enforceable EU-centric constraints while retaining flexibility to use non-EU compute resources where suitable.

Validated early traction & demonstrability: the platform is available for demonstration and has already attracted a substantial developer user base and early enterprise buying interest.

Economic and societal value: by reducing dependence on scarce DevOps specialists, the approach can shorten time-to-market for SMEs and strengthen European digital resilience.

Technical specification or expertise sought

The organisation is seeking a Eurostars co-applicant (SME or R&D institution) with expertise in one or more of the following areas:

Deployment and operation of cloud infrastructure in regulated sectors (e.g. financial services, healthcare, insurtech, govtech)

Translation of regulatory frameworks (e.g. GDPR, NIS2, DORA or equivalent) into technical and operational requirements

Cybersecurity compliance automation, formal verification, policy-as-code or governance tooling

Sovereign cloud, edge computing or hybrid cloud interoperability architectures

The partner should be capable of contributing domain-specific compliance knowledge, participating in technical co-development, and supporting validation in real operational environments.

Stage of development

Available for demonstration

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 12: Responsible Consumption and Production**
- **Goal 8: Decent Work and Economic Growth**
- **Goal 17: Partnerships to achieve the Goal**

IPR Status

IPR Notes

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Partner Sought

Expected role of the partner

The partner will act as a strategic co-developer within the Eurostars consortium and is expected to contribute to:

Definition of regulatory and sovereignty-focused operational procedures

Co-development of compliance enforcement and verification mechanisms

Validation of autonomous deployment workflows in real-world use cases

Joint dissemination and exploitation of project results following completion

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME 11-49**
- **SME <=10**
- **SME 50 - 249**
- **R&D Institution**

Call Details

Framework program

Eureka

Call title and identifier

urostars-3 Call for Projects (September 2026 Cut-off)

Submission and evaluation scheme

Anticipated project budget

Coordinator required

No

Deadline for EoI

3 Aug 2026

Deadline of the call

10 Sep 2026

Project duration in weeks

Web link to the call

Project title and acronym

Dissemination

Technology keywords

Market keywords

- **02003 - Specialised Turnkey Systems**

Targeted countries

- **All countries**

Sector groups involved