Dutch company is looking for a SME experienced in the medical/clinic area to develop together in a Eurostars project for early detection of patient deterioration.

Summary

Profile type	Company's country	POD reference
Research & Development Request	**Netherlands**	**RDRNL20260220002**

Profile status	Type of partnership	Targeted countries
PUBLISHED	**Research and development cooperation agreement**	• **Germany** • **France** • **Sweden** • **Finland** • **Belgium** • **Switzerland**

Contact Person	Term of validity	Last update
Enrico FRANZIN	**23 Feb 2026** **23 Feb 2027**	**2 Mar 2026**

General Information

Short summary

A partner is sought Cor-RISK is a Eurostars R&D project concept to improve early detection of patient deterioration on general wards and during step-down / recovery at home. The idea is to combine continuous, medical-grade multi-parameter wearable monitoring with a risk-stratification layer that supports tiered escalation and integrates into existing hospital workflows rather than creating a separate "IT island". They are looking for: A software development SME experience in the medical/clinic.

Full description

A partner is sought for Eurostars R&D project concept to improve early detection of patient deterioration on general wards and during step-down / recovery at home. The idea is to combine continuous, medical-grade multi-parameter wearable monitoring with a risk-stratification layer that supports tiered escalation (advisory vs urgent) and integrates into existing hospital workflows rather than creating a separate "IT island".

The project's novelty is the translation of continuous physiological monitoring into an operational early-warning workflow that is practical for hospitals: reliable ingestion of high-frequency wearable data, robust handling of artefacts and dropouts, and standards-based interoperability so that summarised observations/alerts can be written back into the hospital EHR. A clinical partner in Sweden (University/Hospital environment) supports real-world validation and usability/evidence generation.

IPR conditions for the development:
Each consortium party retains ownership of its background IP and will contribute only assets it is entitled to use for the project. Foreground IP will be generated by the respective contributors according to standard Eurostars collaboration practice; interfaces will be defined contractually for project execution, and commercial licensing arrangements (if any) will be agreed after a positive grant decision. A targeted freedom-to-operate check will be performed prior to market launch.

Advantages and innovations

The project targets earlier and more actionable detection of patient deterioration on general wards and during step-down / recovery at home by combining continuous multi-parameter wearable monitoring with a risk-stratification workflow that supports tiered escalation (advisory vs urgent). The innovation is not only the risk layer itself, but the operationalisation in real hospital practice: robust ingestion of high-frequency streams (incl. artefacts and dropouts) and standards-based interoperability so summarised observations/alerts can be written back into the hospital EHR, enabling adoption without creating a separate "IT island". Clinical validation in a Swedish university hospital environment supports usability, evidence generation and real-world workflow fit.

Technical specification or expertise sought

An innovative software SME with proven experience in hospital interoperability and deployment engineering, ideally including:
•	HL7 v2 and/or FHIR implementation, specifically EHR write-back of observations/alerts/annotations (not only data ingestion).
•	Experience with hospital integration constraints: interface engines, mapping, testing, identity/SSO patterns, routing to clinical channels.
•	Security-by-design for healthcare: encryption in transit/at rest, RBAC/SSO, audit logging, operational monitoring, GDPR-aligned processing patterns (ISO 27001 / NEN 7510 experience is a plus).
•	Capability to deliver a repeatable "site integration kit" (templates, mapping guides, test scripts, acceptance criteria) to reduce site-specific engineering and speed deployments.
•	Ability to work as a genuine R&D co-development partner in Eurostars (not supplier-only), contributing to WP delivery, validation activities and dissemination where appropriate.

Stage of development

Under development

Sustainable Development goals

• Goal 3: Good Health and Well-being

IPR Status

IPR Notes

Partner Sought

Expected role of the partner

Lead and deliver the interoperability & integration work package; work with clinical partner on integration and usability aspects and support the execution of the feasibility trial at the clinic

Type of partnership

Research and development cooperation agreement

Type and size of the partner

• **SME 11-49**

• **SME 50 - 249**

• **SME <=10**

Call Details

Framework program

Eureka

Call title and identifier

Eureka Eurostars 3, Call 10

Submission and evaluation scheme

Eurostars call for projects – Deadline March 2026Eurostars 3 (Call 10): single full proposal submission via the Eureka/Eurostars platform; international evaluation by independent experts; funding decision and contracting subject to national funding-body co

Anticipated project budget

To be defined together

Coordinator required

No

Deadline for EoI	Deadline of the call
12 Mar 2026	**19 Mar 2026**

Project duration in weeks	Web link to the call
96	https://www.eurekanetwork.org/programmes-and-calls/eurostars/eurostars-march-2026

Project title and acronym

early detection of patient deterioration.

Dissemination

Technology keywords

- **01003006 - Computer Software**
- **01003012 - Imaging, Image Processing, Pattern Recognition**
- **01003008 - Data Processing / Data Interchange, Middleware**
- **01003009 - Data Protection, Storage, Cryptography, Security**

Market keywords

- **02007007 - Applications software**
- **05001001 - Diagnostic services**
- **02007012 - Medical/health software**
- **02007016 - Artificial intelligence related software**

Targeted countries

- **Germany**
- **France**
- **Sweden**
- **Finland**
- **Belgium**
- **Switzerland**

Sector groups involved

- **Digital**
- **Health**