

Responsible Innovation and Social Knowledge in AI

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NordForsk



UNIVERSITY OF
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LIFE SCIENCES

The project

Call for proposals: Responsible use of Artificial Intelligence

Time frame: Jan. 1, 2026 – Dec. 31, 2028

Status: signing the CA, starting work

Partners:

Norwegian University of Science and Technology (NTNU),

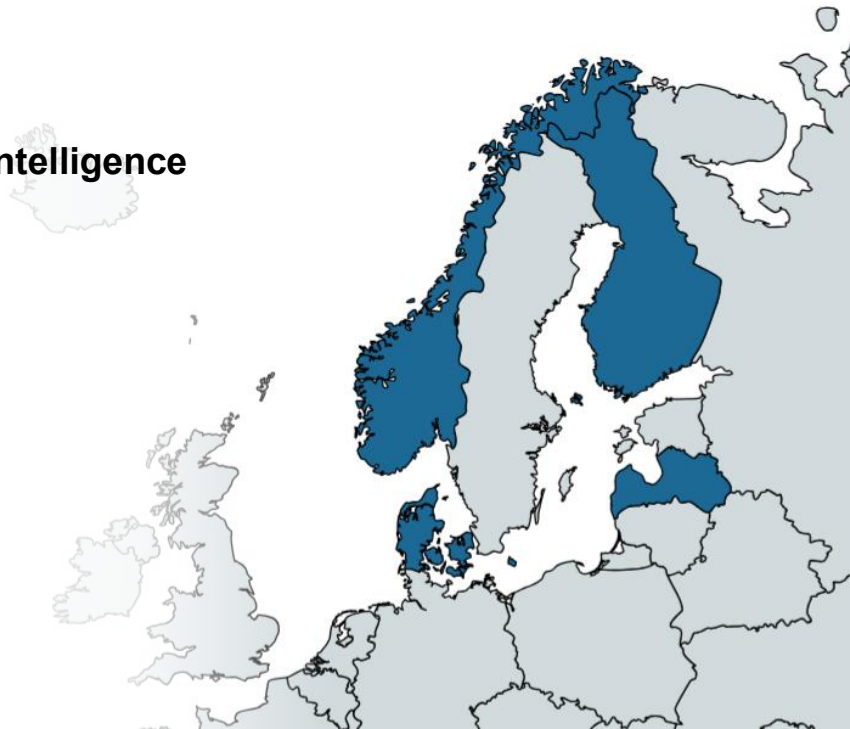
Norwegian Centre for E-health Research (NSE),

Vestre Viken HF (use-case partner)

University of Oulu (UniOulu),

Odense University Hospital (OUH),

University of Latvia (UL).



Norwegian Centre for
E-health Research



Region of
Southern Denmark
OUH
Odense
University Hospital



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The call

Call for proposals: Responsible use of Artificial Intelligence

Making the most of the potentials and mitigating the risks and harmful consequences of the use of Artificial Intelligence in the Nordic-Baltic region. NordForsk announces funding for a minimum of 12 Nordic and Nordic-Baltic research projects.

Published: 10.02.2025

Call Deadline: 13 May 2025, 13:00 (CEST/Oslo Time)

Available Nordic budget: up to 196 million NOK

Available Latvian budget: 600 000 EUR

Maximum amount of Nordic funding that may be sought: 16.3 million NOK.

The project

Responsible Innovation and Social Knowledge in AI

Responsible AI:

- “the practice of developing, using and governing AI in a human-centered way to ensure that AI is worthy of being trusted and adheres to fundamental human values”
- “the development of intelligent systems according to fundamental human principles and values”

The AI Act is a **risk**-based approach for the legal regulation of AI technologies, seeking to balance the ambitions of the digitalization strategy of Europe with privacy and public safety interests and the term “*risk’ means the combination of the probability of an occurrence of harm and the severity of that harm*” (Article 3(2)).

The AI act works in tandem with other regulations such as the European Health Data Space (EHDS), or the Medical Device Regulation (MDR). These regulations are policy tools to strengthen the internal market and realize the European vision of a European Health Union.

The project

Central RQ:

How can organizations better identify, understand, and manage AI risks in healthcare in ways that enhance trustworthiness and support responsible use of AI systems?

WP 1 – Project Management

WP 2 – AI Regulation and Health Policy

To map and analyse EU and Nordic **policy documents and governance models** in AI and health.

WP 3 – Responsible Risk

Conceptualize **responsible risk** (qualitative) and define threshold for acceptable clinical risk (quantitative).

Develop iteration to the MAS-AI **framework** and pilot study the changes.

WP 4 – Capacity Building

To identify **essential skills** for dealing with and develop approaches to **enhance understanding** of ‘Responsible Risk’ in AI for different stakeholders in different AI life-cycle phases (incl. validated tools and methods for skills and capacity building).

WP 5 – Dissemination and Communication

Turn RISK-AI’s research and tools into usable, visible, and adopted outputs for all relevant stakeholders

The project

Project ambitions

#1

Conceptualize
'Responsible Risk'

#2

Develop knowledge on
the governance of risk in
the Nordic-Baltic region

#3

Identify the threshold for
acceptable clinical risk
and coping strategies

#4

Apply 'Responsible Risk'
into clinical cases using
a validated instrument

#5

Develop actionable
insights into the
alleviation of risk-taking
in clinical practice

#6

Build capacity for
healthcare professionals
and organizations

"The overall contribution of the work – the definition of “responsible risks” as a concept to support responsible AI practice – promises to offer both scholarly and practical value, going beyond the current state of the art.”

The journey

We were interested to join a consortium planning to work on AI in healthcare.

The positive things:

- + Great partner search with just the right information.
- + Clear and lean application process.

- Some differences in rules for Baltic countries.

We were invited by a partner in the consortium. 😊

- + Experienced partners with previous collaboration history creating a new consortium to advance research on this topic.