



This project is co-financed by the European Union
and the Republic of Türkiye



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ORGANIZATION: NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

WORKSHOP NAME: Digital and Smart Health

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Norwegian University of Science and Technology



43 550

Students

8960

Employees

390

Study programmes

NTNU is an international oriented university with headquarters in [Trondheim](#) and campuses in [Gjøvik](#) and [Ålesund](#).

Multidisciplinary Research group on Privacy and data protEcTion (MR PET)

Focuses on research related to the right to the protection of personal data. Personal data must be processed fairly for specified purposes and on the basis of the consent of the person concerned, or some other legitimate basis laid down by law (GDPR).



Expertise:
Artificial Intelligence
Machine Learning
Deep Learning
Large Language Models,
Cybersecurity
Privacy and Data Protection
Trustworthy AI



Application Areas

- Health
- Energy
- Education
-

Your Research Fields

Privacy and Data Protection in
Healthcare



Blockchain technologies across land
borders



Image Quality enhancement in
MEDical diagnosis, monitoring and
treatment



Relevant Projects

[IQ-MED: Image Quality enhancement in MEDical diagnosis, monitoring and treatment funded by the Research Council of Norway](#)

Development of a pilot database for handling information on injured persons in alpine facilities is funded by the Regional Research Funds Norway, Inland (RFF-Inland)

Other projects in various application areas

[Sule Yildirim Yayilgan - NTNU](#)

Project Idea

Utilizing blockchain technologies for addressing privacy and data protection in and across European borders for emergency management

Call Topic: in the process of searching for a convenient call. Possible to join forces on an existing project proposal with similar lines of scope.

Deadline Dates:

☐ **Objectives:**

- Understanding and addressing privacy and data protection challenges in cross border healthcare management especially for emergency cases using blockchain technology.
- Showcasing the benefit of blockchain technology for cross border healthcare management on a real healthcare infrastructure

☐ **Expected Results:**

- A clear identification of roles in access management in emergency situations at county and international levels to secure health care services without sacrificing for privacy and data protection of healthcare data

Consortium – required partners

No	Expertise	Type	Country	Role in the project
01	EHR management software developer and provider	SME	EU & Türkiye	Technical infrastructure
02	Hospitals	Public\Private	EU & Türkiye	Healthcare emergency management knowledge and experience
03	R&I in healthcare emergency management	University\Research Institute	EU & Türkiye	Emergency management scenarios critical for Europe
04	Privacy and data protection	Law institution – Public\Private	EU & Türkiye	GDPR, ethical aspects



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