

CR/CV&NCD-g-25-15

Direct grants to Member States' authorities

support the implementation of the strategic agenda for medical ionising radiation applications **SAMIRA**

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CENTRO NAZIONALE

**PROTEZIONE DALLE RADIAZIONI
E FISICA COMPUTAZIONALE**

SAMIRA Action Plan



FEB2021 The Commission adopted the

Strategic **A**genda for **M**edical **I**onising **R**adiation **A**pplications action plan

➡ To promote the **safe**, **high-quality**, and **reliable** use of **ionising radiation in healthcare**.

Supply of
medical radioisotopes



Radiation quality and
safety in medicine



Innovation and
technological development



https://energy.ec.europa.eu/topics/nuclear-energy/radiological-and-nuclear-technology-health/samira-action-plan_en

Preparatory Joint Action

PrISMA

Preparatory activities for
Implementation of quality and
Safety of
Medical Ionizing radiation
Applications

Under the EU's SAMIRA action plan, the **PrISMA** project:

- PI Charlotte Rosenbaum, Dutch National Institute for Public Health and the Environment (RIVM)
- Start date project: May 1st, 2024 (18 months)
- Consortium composed by **health and radiation protection authorities and scientific and professional institutions**



CA: Istituto Superiore di Sanità, ISS

AE: Fondazione Policlinico Universitario Agostino Gemelli IRCCS

- Goals:

- To identify and bring together the **relevant stakeholders** in the area of quality and safety in the medical use of ionising radiation
- To **propose objectives, scope and activities** of the future SAMIRA Joint Action



**11 EU Member States
+ Norway**



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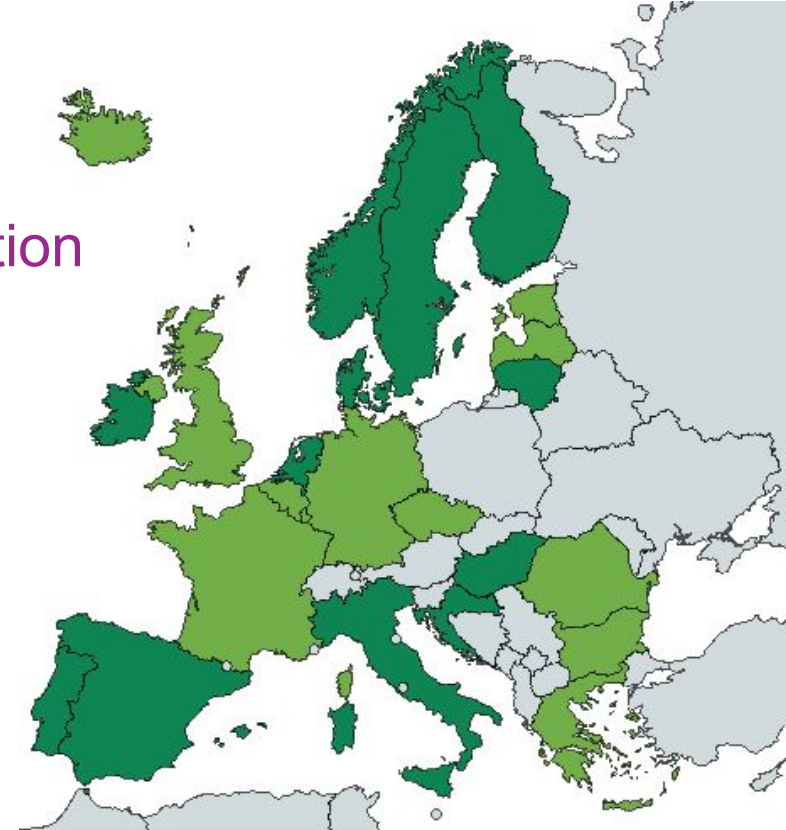
<https://www.rivm.nl/en/international-projects/samira-prisma>

Engaging relevant stakeholders

PrISMA

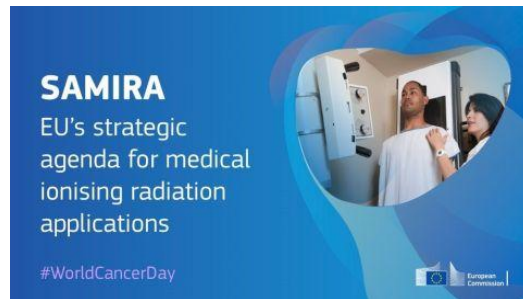


- Event in Zagabria, April 2025:
Start-up of the SAMIRA Joint Action:
Shaping the Future of Ionising Radiation
in European Healthcare
- Stakeholders for SAMIRA are
 - National health authorities,
 - healthcare organisations,
 - professional bodies,
 - research institutions,
 - patient organisations,
 - ...



*Members of the PrISMA
consortium
Other Participants*

CR/CV&NCD-g-25-15 SAMIRA JA



The SAMIRA JA facilitates the pooling of expertise from different EU countries to:

- ➡ Support the implementation of EU requirements for radiation protection in the Member States.
- ➡ Ensure that all EU citizens benefit from the same high level of care.

INDICATIVE TIMETABLE, BUDGET, IMPLEMENTATION AND PROCEDURE TYPE

Call topic/sub-topic	Indicative call publication	Indicative Budget
Direct grant - CR/CV&NCD-g-25-15	Q4/2025	EUR 11 500 000
Procedure type	Implemented by	Type of applicants targeted
Direct grant to Member States (joint action) in accordance with Article 198, paragraph 1, point (c), of Regulation (EU, Euratom) 2024/2509	HaDEA	Member States' authorities

European Health and Digital Executive Agency

SAMIRA JA: a forum to exchange good practices between Member States

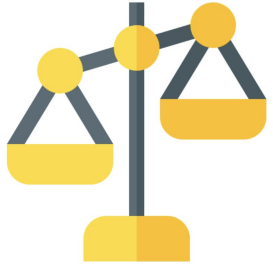
In the fields of **radiation protection and health care**:

- many concepts, objectives and solutions are **common** to Member States
- but there are also **national adaptations** that make each country unique.



A network of organisations with similar interests will serve as a source of experience and inspiration to develop **necessary tools adaptable to circumstances** in each Member States.

SAMIRA JA - Mandatory Deliverables



- **Justification of diagnostic imaging**

- Best practice guidance & procedures for **clinical audit of CT referrals**



- Procedures for **incident reporting** in radiotherapy and diagnostic/interventional radiology.

- Development/update of procedures for **patient dose recording & monitoring**.

- Practical guidelines on **paediatric radiation protection optimisation**.

- Guidelines for **optimisation of image-guided radiotherapy (IGRT)**.

- Implementation of Council Directive (2013/59/Euratom) on optimisation & dosimetry in **radiopharmaceutical cancer therapy**.



SAMIRA JA - Expected Results

From the evidence, lessons and experience developed with a broad network of organisations in the context of SAMIRA



Implementation of good practice in the national health systems of each Member State

**tangible and sustainable
improvements in quality and safety
of medical radiological procedures**



CR/CV&NCD-g-25-15 SAMIRA JA

- Competent Authority

Istituto Superiore di Sanità intends to apply alongside the **Ministry of Health**



Ministero della Salute



- Affiliated Entities

- Open!



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National Institute of Health in Italy



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