



## Introduction

EURAMED is the European Alliance for Medical Radiation Protection Research, a non-profit organisation created as a consortium by five medical associations involved in the use of ionising radiation in medicine: the European Association of Nuclear Medicine (EANM), the European Federation of Radiographer Societies (EFRS), the European Society of Radiology (ESR) and the European Society for Radiotherapy and Oncology (ESTRO) and the European Federation of Organisations for Medical Physics (EFOMP). EURAMED's main objective is the promotion of radiation protection research with one voice, facilitating the development of joint research strategies between different specialists. One of the EURAMED's main publications is the [strategic research agenda](#) (SRA), where the main research priorities in radiological protection agreed between the five European Societies are collected.

## How does EURAMED interact with other research platforms?

EURAMED has expanded its influence by joining the MEENAS group, signing a memorandum of understanding. The MEENAS umbrella group is a consortium formed by several ionising radiation research platforms, namely Multidisciplinary European Low Dose Initiative (MELODI), the European Radiation Dosimetry group (EURADOS), the European Radioecology Alliance (ALLIANCE), the Nuclear and Radiological Emergency Response and Recovery group (NERIS) and the European Network for Social Sciences and Humanities (SHARE). All of them have contributed for years in the design of the priorities in ionising radiation research, and now EURAMED gives its particular vision, focusing on the translation of the radiation protection investigation results to hospitals and patients.

## Why is EFOMP in EURAMED?

EFOMP, as a founding member of EURAMED, has a voice to remark on the important contribution of the Medical Physics community to research in diagnostic imaging, radiotherapy, nuclear medicine and other medical specialities using ionising radiation. EFOMP is represented in EURAMED's Executive Board and also in different committees of the organisation.

The implementation of the Council Directive 2013/59/EURATOM has posed several challenges to professionals involved in the medical use of ionising radiation. To mention just a few examples, there are areas such as dose management in diagnostic radiology, dose calculation in nuclear medicine therapy, risk management in radiotherapy and the radiation protection training of the professionals involved. The Medical Physics community has much to say, has much to offer.

## Klaus Bacher and Roberto Sánchez explain what EURAMED is: about and how it can benefit medical physicists

### EURAMED in European research projects

EURAMED currently collaborates in three active projects: MEDIRAD, EURAMED rocc-n-roll and SINFONIA. MEDIRAD studies the "Implications of Medical Low Dose Radiation Exposure" and brings together 34 organisations from 14 countries and more than 70 scientists (<http://www.medirad-project.eu/>). The EURAMED rocc-n-roll project aims to propose a strategic research agenda in the field of medical radiation protection. It involves 29 projects from 17 countries (<https://roccnroll.euramed.eu/>). SINFONIA will develop novel methodologies to provide a comprehensive risk appraisal for detrimental effects of radiation exposure during the management of lymphoma and brain tumors patients. 14 partners from 8 countries work together in this project (<https://www.sinfonia-appraisal.eu/>).

Recently, the European Council has reached an agreement on EURATOM research and training programmes, and EURAMED together with other platforms, has succeeded in securing an EU budget for medical radiation protection research for the period 2021-2025.

EURAMED is also involved in the organisation of the 5th European Radiation Protection Week, where more than 20 topics on radiation protection will be discussed, including radiological protection in the medical area. The focus week had to be postponed due to the COVID-19 pandemic. For more information, see <https://erpw2021-portugal.eu/index.php>

Institutions like Universities and Hospitals can become EURAMED members and participate in its activities and committees. To find out more about EURAMED go to <https://www.euramed.eu/>

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