





# European Joint Programme

# for the Integration of Radiation Protection Research

The 'European Joint Programme for the Integration of Radiation Protection Research-CONCERT ' under Horizon 2020 is operating as an umbrella structure for the research initiatives of the platforms MELODI, ALLIANCE, NERIS, EURADOS and EURAMED. It is a co-fund action that aims at attracting and pooling national research efforts with European ones in order to make better use of public R&D resources and to tackle common European challenges more effectively in key areas of radiation protection research.

## EUROPEAN JOINT PROGRAMME COFUND (EJP COFUND)

EJP Cofund under Horizon 2020 is a co-fund action designed to support coordinated national research and innovation programmes. The EJP Cofund aims at attracting and pooling a critical mass of national resources on objectives and challenges of Horizon 2020 and at achieving significant economies of scales by adding related Horizon 2020 resources to a joint effort. With the launch of the CONCERT (European Joint Programme for the Integration of Radiation Protection Research) project in 2015 this funding tool has been implemented for the area of radiation protection research.

#### **EXPECTED IMPACT**

**CONCERT** strives for a better integration of the radiation protection scientific community at EU level, leading to a better coordination of research efforts and the provision of more consolidated and robust science based policy recommendations to decision makers in this area. In the long-term, these efforts will translate into additional or improved practical measures in view of the effective protection of people and the environment. CONCERT aims at establishing a joint programme on radiation protection research in Europe and to thus create synergy effects based on the strategic programmes of the European research platforms.



WWW. SENERIS - EURADOS DEURAMED European Alliance for Medical



Currently MELODI (radiation effects and risks in the low dose range), the platforms ALLIANCE (radioecology), NERIS (nuclear and radiological emergency protection) and EURADOS (dosimetry) as well as EURAMED (radiation protection in medicine) belong to the platforms committed to radiation protection research in Europe. The aim is to improve radiation protection in Europe, answer open questions, reduce scientific uncertainties and provide scientific support for the implementation of the EURATOM basic safety standards in national legal regulations. It is based on the current strategic research programmes of the European research platforms.

#### **OBJECTIVES**

**CONCERT** contributes to the sustainable integration of European and national research programmes in the field of radiation protection. By joint programming, defining joint research priorities and road mapping-with a long-term perspective, CONCERT is guiding radiation protection research in Europe. To achieve this, CONCERT is developing a joint SRA with joint research priorities based on the individual platforms SRAs with input from social sciences and humanities, respectively. This joint effort is performed with a strategic perspective on supporting excellent science, on building and maintaining high competence in radiation science and radiation protection as well as further promoting integrative and multidisciplinary research on a European level by i.e. initiating and funding concerted joint research actions, promoting access to research infrastructures and to optimise the radiation protection related education and training activities across Europe.

### **CONCERT PARTICIPANTS**

**CONCERT** a Co-fund Action was granted five years and started its work in June 2015. The Federal Office of Radiation Protection (BfS) in Germany coordinates CONCERT. CONCERT interlinks Europe-wide research in all fields of application of ionising radiation.



**CO-FUNDING** 

69 partner institutions from almost all EU countries plus Norway and Switzerland have joined forces to combine their expertise and research activities in order to improve radiation protection.

# CONCERT OPEN CALLS FOR R&D

CONCERT was running two open research calls to strengthen the scientific research in strategic priority areas of radiation protection defined by the European radiation research platforms. CONCERT committed 17.1 MEUR funding for the open research calls. The EU contribution is limited to 70%. The remaining 30% of the project costs are covered either by in-kind contributions or by cash funding provided by CONCERT partners. In order to identify the most promising and excellent projects and to guarantee a fair and independent evaluation, an international peer review panel (PRP), composed of independent experts, evaluated the project proposals. Among the 37 project proposals that were submitted to the two open RTD calls in 2016 and 2017 respectively, nine have been selected for funding by the peer review panel.

