



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 and EURADOS. 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.

BACKGROUND

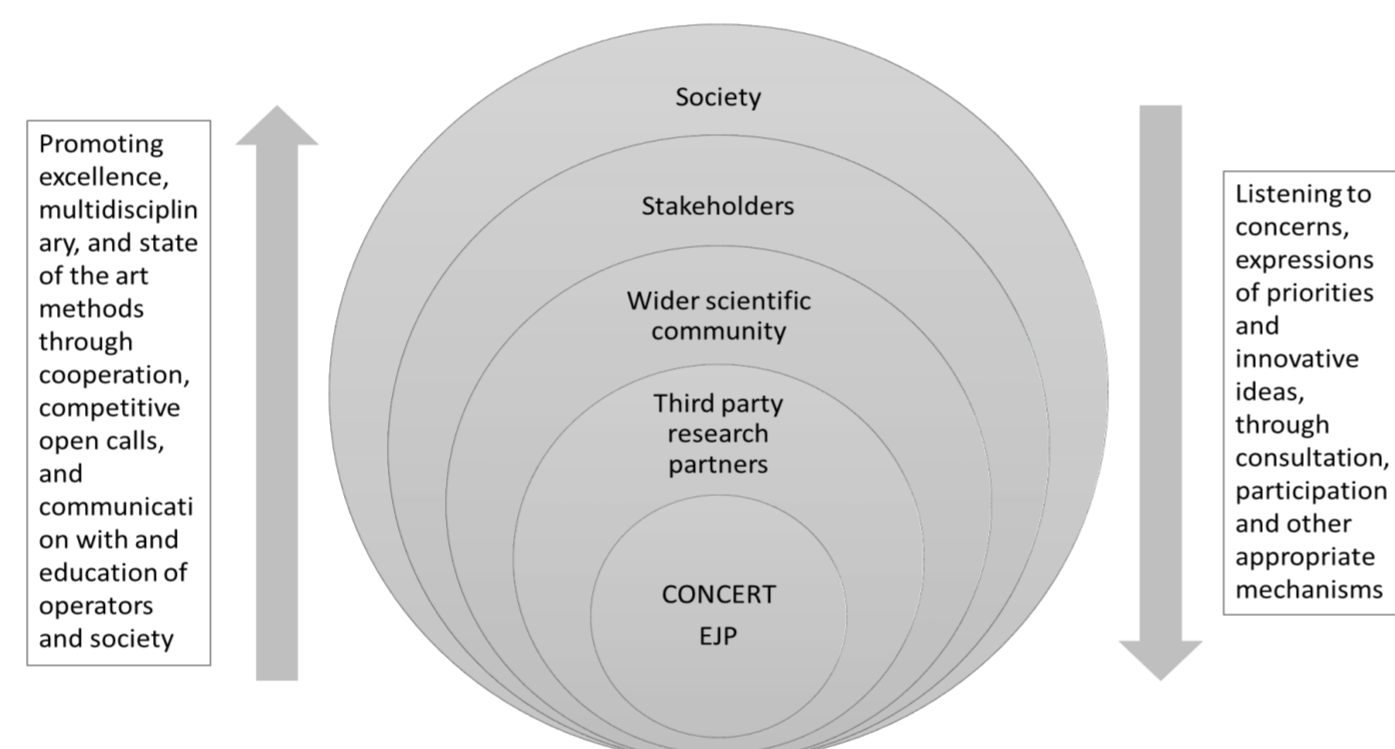
Back in 2009, the European High Level and Expert Group (HLEG) identified key policies and scientific questions to be addressed through a Strategic Research Agenda (SRA) for low dose radiation risks. Subsequently, institutions active in radiation protection research in Europe have founded the European Research Platform MELODI. Major outcome of MELODI is the development of a SRA in low dose risk research and the recommendation of short to medium term research priorities. Similar activities in the fields of radioecology and nuclear emergency preparedness led to the founding of the research platforms ALLIANCE and NERIS, respectively. Today **CONCERT** is in a position, to bring together all these platforms (EURADOS as a long-standing organisation joined the platform family) under one umbrella structure, to address common research needs in radiation protection and to organise research funding.

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, **CONCERT** is guiding radiation protection research in Europe. 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. A crucial step is, of course, to initiate and fund concerted joint research actions.

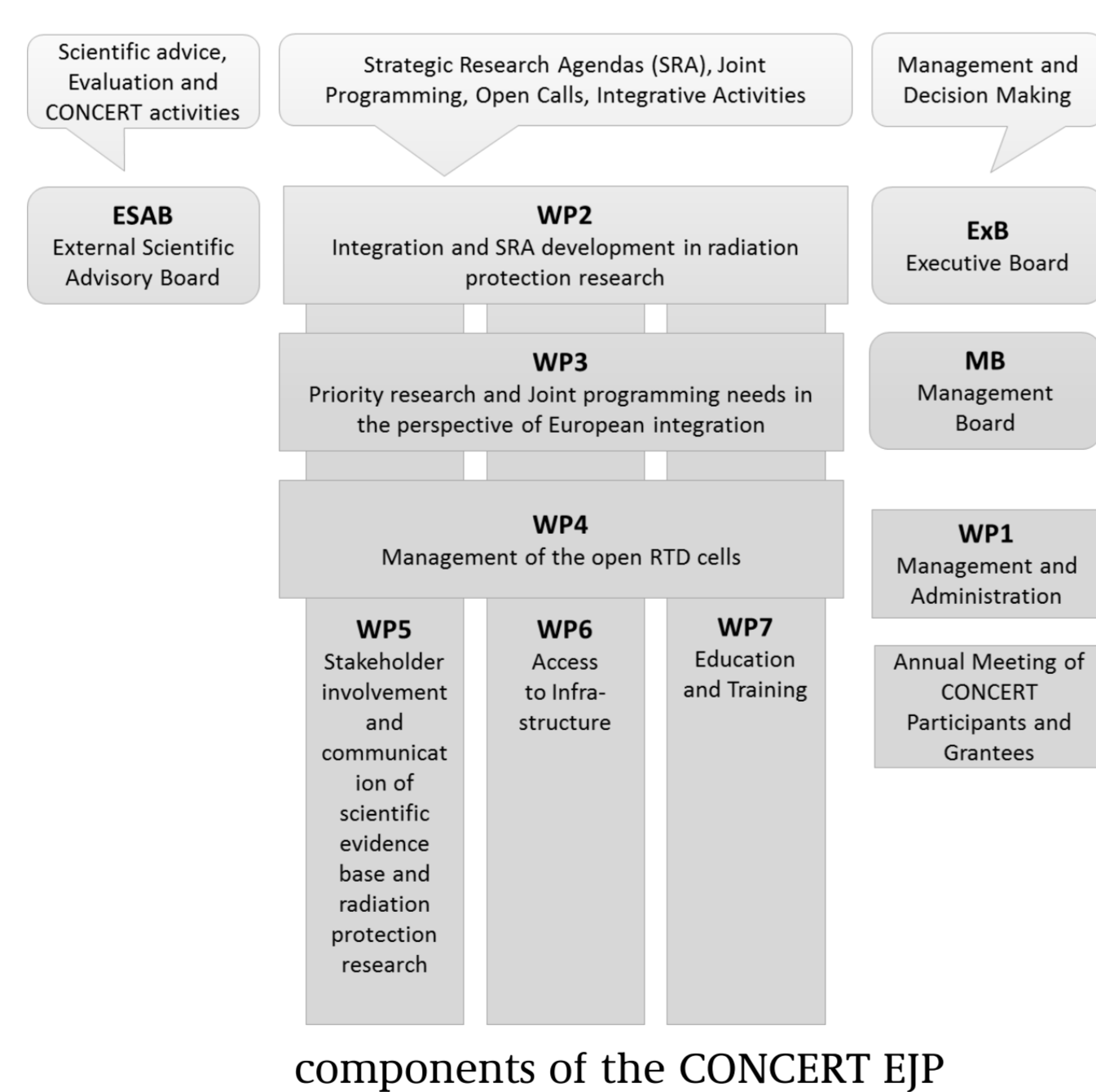
APPROACH

Based on the platform SRAs and joint programming, **CONCERT** will develop research priorities, align them with priorities from participating Member States and will seek further input from society and stakeholders. It will reach out to engage the wider scientific community in its projects, aiming to answer the needs in radiation protection for the public, occupationally exposed people, patients in medicine, and the environment.



The consortium operates as a "two way street"

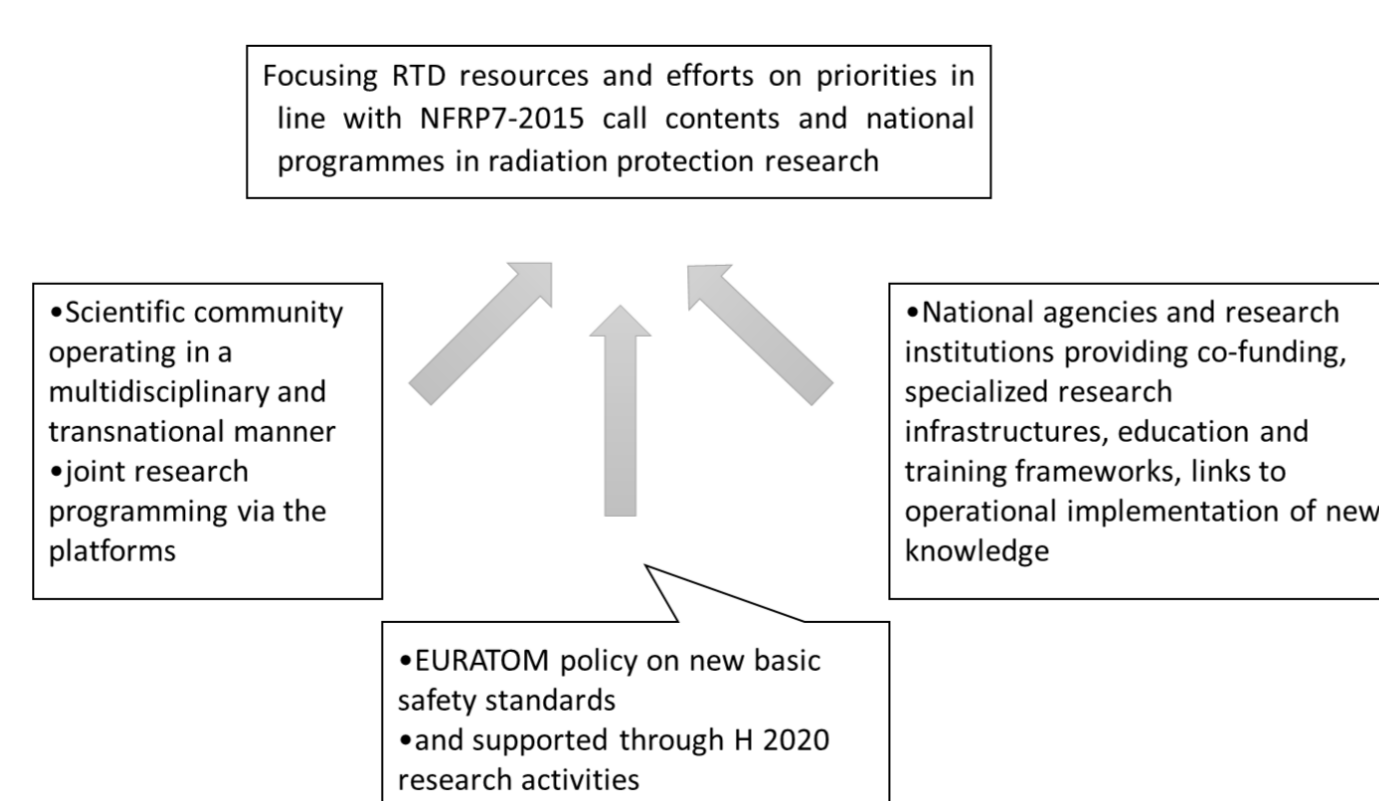
CONCERT has an organisational structure that reflects its clear cyclical workflow from developing strategic research agendas (WP2), defining research priorities and roadmaps by joint programming (WP3) to the initiation and funding of specific projects in radiation protection research (WP4). Integrative activities (WP5, WP6 and WP7) are promoted with the aim to interact closely with funded research projects.



components of the CONCERT EJP

CONCEPT

The EJP **CONCERT** aims to set in motion the convergence of the three focusing forces scientific community, national agencies and research institutions, and EURATOM policies in order to achieve new breakthroughs in 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.

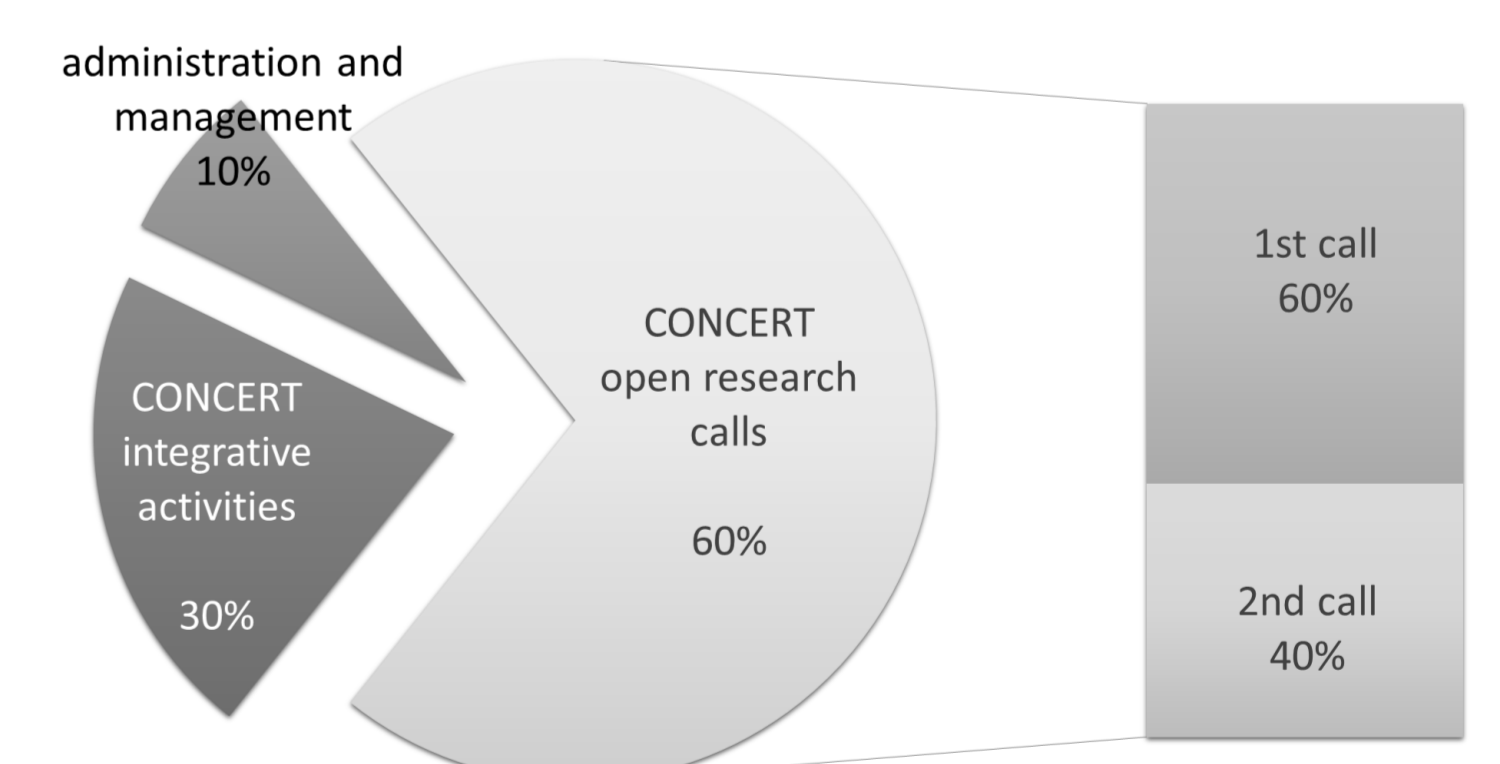
CONCERT PARTICIPANTS

CONCERT is coordinated by the Federal Office of Radiation Protection (BfS) in Germany. The Management Board consists of 28 National Programme Owners and Programme Managers (POM) from 22 EU Member States plus Norway and the 4 Euratom Research Platforms MELODI, ALLIANCE, NERIS and EURADOS.

CONCERT OPEN CALLS FOR R & D

CONCERT is a Co-fund Action (70% EC and 30% national funding) running open research calls and aiming at integrating national and European research programmes

1st Call: € 10 million EUR
2nd Call: € 6.5 million EUR



CONCERT PROJECT IN SHORT

Duration: 5 years, starting June 2015

Integrating radiation protection research in Europe

- Co-fund action
- Joint programming
- Open research calls
- Integrative activities



CONCERT is open to new national Programme Owners and Programme Managers at any time.

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