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Cofund - European Joint Programme (EJP)

CONCERT

Project title: **European Joint Programme for the Integration of Radiation Protection Research**

Project coordinator: **Bundesamt für Strahlenschutz, Salzgitter, Germany**

Project homepage: www.concert-h2020.eu

HZDR participant: **Institute of Resource Ecology**

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Duration (months): **60**

Summary

The proposed European Concerted Programme on Radiation Protection Research (acronym: CONCERT) aims to contribute to the sustainable integration of European and national research programmes in radiation protection.

It will do so by focusing resources and efforts in five key directions:

- Bring together the elements of the European scientific communities in the fields of radiation effects and risks, radioecology, nuclear emergency preparedness, dosimetry and medical radiation protection, whose joint expertise is essential to continue the development of radiation protection knowledge in a multidisciplinary mode to reduce further the uncertainties in radiation protection.
- Strengthen integrative activities between the various areas of expertise, in particular biology, biophysics, epidemiology, dosimetry and modelling as well as fostering the use of existing infrastructures and education and training activities in radiation protection.
- Stimulate and foster scientific excellence, by setting up and co-funding advanced research programmes with the potential to enhance current knowledge and the scientific evidence base for radiation protection.
- Exchange and communicate with all stakeholders, including the professional organizations concerned with radiation protection, the regulatory organizations across Europe, the public and media where necessary, and the international community of scientific, technical, legal and other professional experts in radiation protection.
- Foster the harmonious application of available scientific basis for radiation protection practices across Europe, by bringing together scientific and technical expertise in radiation protection issues, standard setting know how, particularly with respect to the implementation of the Euratom Basic Safety Standards (BSS) at the legal, administrative and operational level.

To reach its goals, CONCERT will have seven Work Packages each of which will focus on each of the key directions.