

Priority setting and roadmap development in radiation protection research in CONCERT:

Integration of Ethical Reflections, Social Sciences and Humanities in the Future Research programmes

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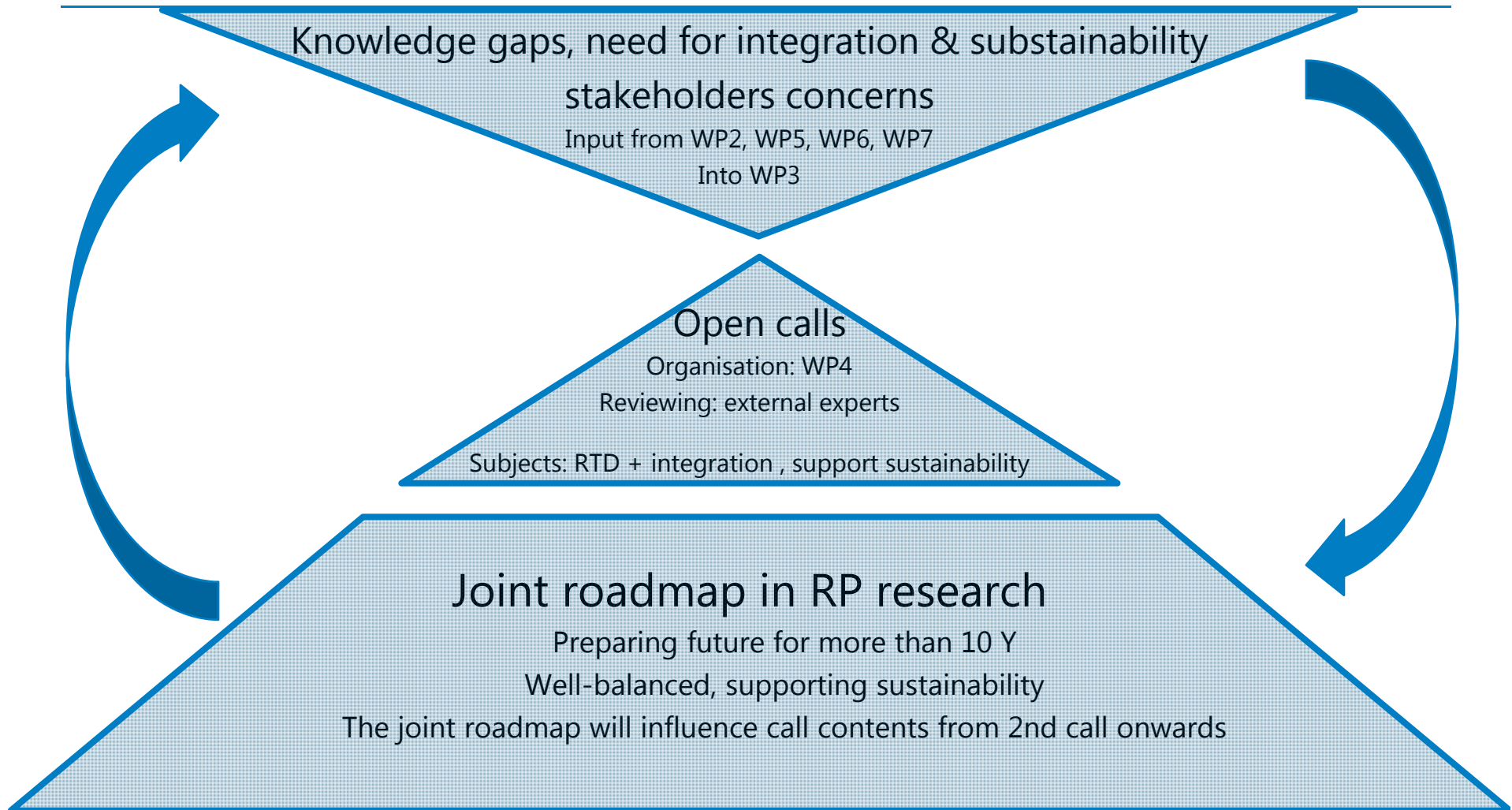
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- National research on major societal challenges will have more impact if efforts are joined at the European level.
 - The European Commission proposed to define common objectives and join forces for research and innovation to take place on major societal challenges.
 - RP has been selected as such a major societal challenge. As such, OPERRA FP7 was launched as preparative project, to streamline research in RP in Europe.
 - SRAs have been setup in most RP research areas, some others are emerging (like social sciences and humanities)
 - From 1st of June 2015, CONCERT has been launched as a European Joint Programming initiative in radiation protection research
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- Calls will be launched to fill the knowledge gaps and support integration and sustainability
 - A joint roadmap (covering >10Y) in RP research will be setup, based on roadmaps in individual domains of research

- Joint priority setting for radiation protection research in Europe
- Development of a joint roadmap for research in radiation protection
- Preparation of documentation to support the development of open research calls, and other scientific and technical integration initiatives within CONCERT
- Integrating state of the art feed-back.

RP as one of the major societal challenges



- **Input: knowledge gaps:**
 - Formulated by the RP associations through SRAs, checking relevance at EU level of priorities formulated at national level (WP2)
 - By experts groups active in other topics relevant to RP (a.o. Social Sciences and Humanities) (WP2)
 - By Stakeholders (WP5)
 - By infrastructure experts (WP6)
 - By E&T experts (WP7)
- **Output end of 2015 and 2016: draft texts for 2 calls**
 - Challenge driven European research priorities
 - Cross check with RP associations on European level
 - Final draft through consensus process.
 - Stimulating integrative activities where needed to reinforce the research.
 - Inducing state-of-the art suggestions for future research needs.
- **Setup of joint roadmap in radiation protection research**
 - Well-balanced, supporting sustainability
 - The joint roadmap will influence call contents from 2nd call onwards

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CONCERT Why ethics, why social sciences and humanities?

There is a need to organise critical ethical (self-)reflection as part of radiation protection research

Recall: the ambition of future radiation protection research as envisioned by EURATOM is to reduce the scientific uncertainty with regard to health risks at low doses and low dose rates;

CONCERT is a project optimising research management, to better serve this ambition

Radiation protection research should include critical ethical (self-)reflection

- On the practical feasibility of this ambition
- On the possible (mis)use of old and new scientific hypotheses in opinion making on risk in politics, lobbying and the media

Natural science and technology researchers cannot and should not do that critical ethical reflection alone. It should be done together with

- researchers from the social sciences and humanities
- stakeholders from informed civil society and the general public

- 3.1 Integration of SRAs and research priorities from research platforms and national programmes (Lead: BfS)
- 3.2 Joint priority setting, consultation and draft call text development (Lead: SCK•CEN)
- 3.3 Joint roadmap development for a long term strategy of radiation protection research in Europe (Lead: MELODI)

- EXB OR MB MEETING IN OCTOBER 2015
- Open stakeholder workshop linked to MELODI workshop 11 November , 2015 Munich
- Draft call text SUBMISSION TO MB: end of 2015
- Draft call text SUBMISSION TO WP4: beginning of 2016
- Call expected between March – May 2016

- EXB OR MB MEETING IN OCTOBER 2016
- OPEN WORKSHOP linked to **Rad. Protection week** in 2016
- Draft call text SUBMISSION TO MB: end of 2016
- Draft call text SUBMISSION TO WP4: beginning of 2017
- Call expected between March – May 2017
- Hopefully, more funding will be available to continue calls annually

TIMELINE: roadmap preparation

- 1st joint roadmap expected in May 2017
- 2nd version of roadmap expected in May 2019

- EXB OR MB MEETING IN OCTOBER 2015
- Open stakeholder workshop linked to MELODI workshop 11 November, 16:00h Munich
- Draft call text SUBMISSION TO MB: end of 2015
- Draft call text SUBMISSION TO WP4: beginning of 2016
- Call expected between March – May 2016

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