



Co-ordinator:



Bundesamt für Strahlenschutz



Annemarie Schmitt-Hannig  
on behalf of the CONCERT consortium



# A European Strategy for Radiation Protection Research



Umbrella structure for radiation  
protection research in Europe

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



**Medical Platform**  
*in formation*



*plus 28 national Programme Owners or Managers*

## Open RTD Call Preparation and Implementation

WP 2: Integration and SRA Development in  
Radiation Protection Research: STUK

WP 3: Priority Research and Joint Programming Needs in  
the Perspective of European Integration: SCK.CEN

WP 4: Management of the Open RTD Calls: ANR

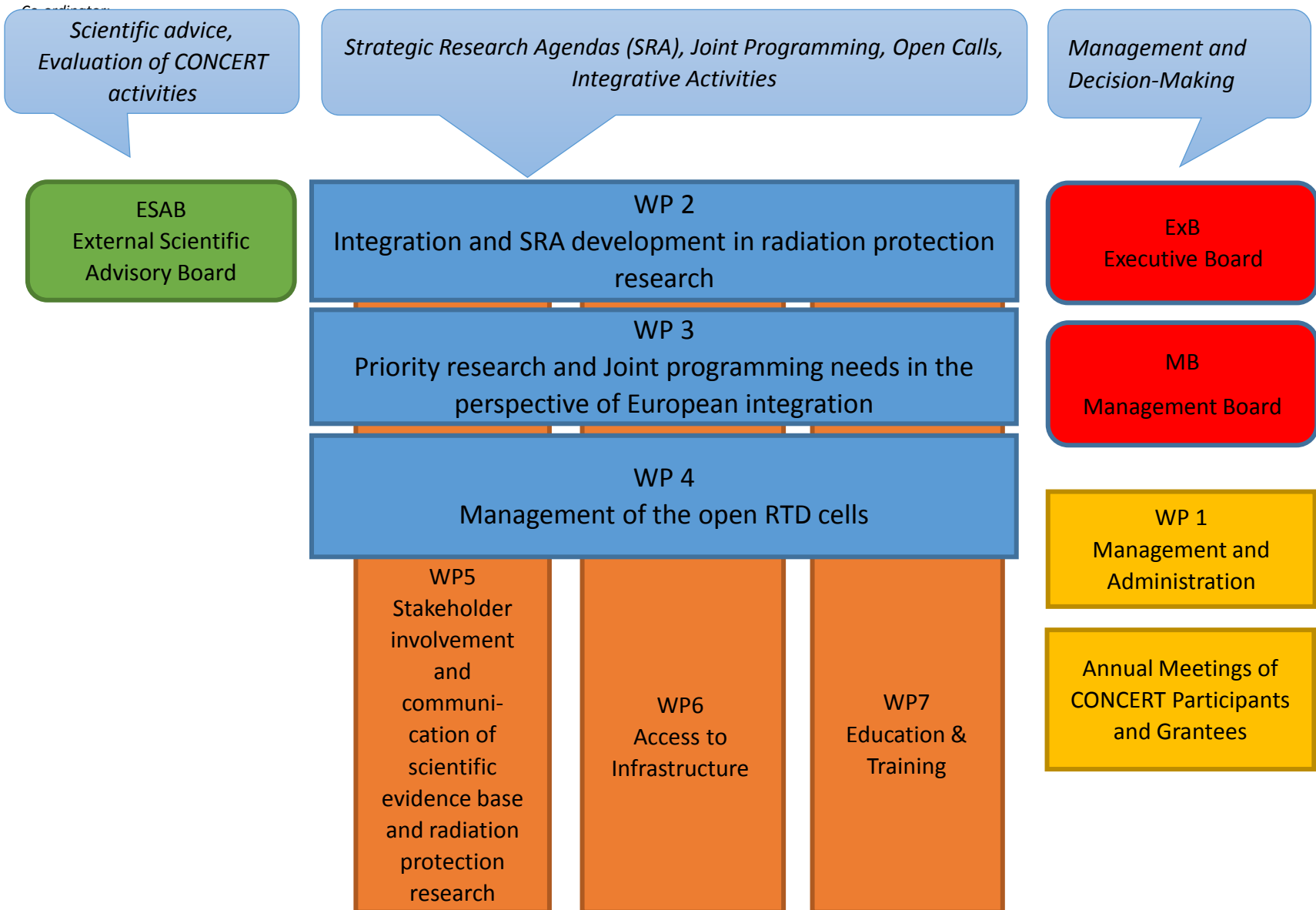
## Cross-Cutting Themes and Management

WP 5: Stakeholder Involvement and Communication of Scientific Evidence and Radiation Protection Research: DH.PHE

WP 6: Access to Research Infrastructure: CEA

WP 7: Education and Training: Univ. Pavia

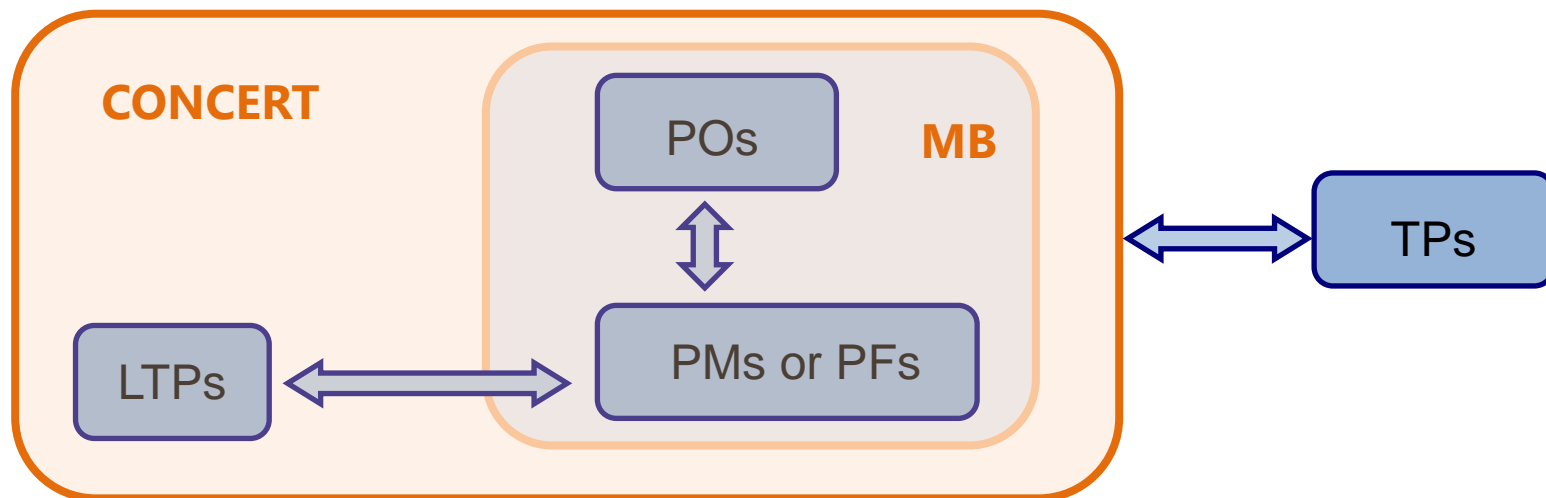
*WP 1: Management and Administration: BfS*



# CONCERT EJP Participants

- Coordination: BfS
- Work package leaders:  
STUK, SCK-CEN, ANR, DH-PHE, CEA,  
Univ. Pavia
- 4 Research Platforms  
(MELODI/ALLIANCE/NERIS/EURADOS)
- National Programme Managers:  
28 from 22 Member States plus Norway
- 20 Linked Third Parties (LTP)

# CONCERT Partners



- PO Programme Owner, i.e. Ministry
- PM Programme Manager, i.e. National Funding Agency
- PF Research Platform
- LTP Linked Third Party, i.e. Research Institute
- TP Third Party, i.e. Research Institute

*MB Management Board*

Co-ordinator:



Bundesamt für Strahlenschutz

**POM**

- Austria
- Belgium
- Bulgaria
- Croatia
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary

**still**

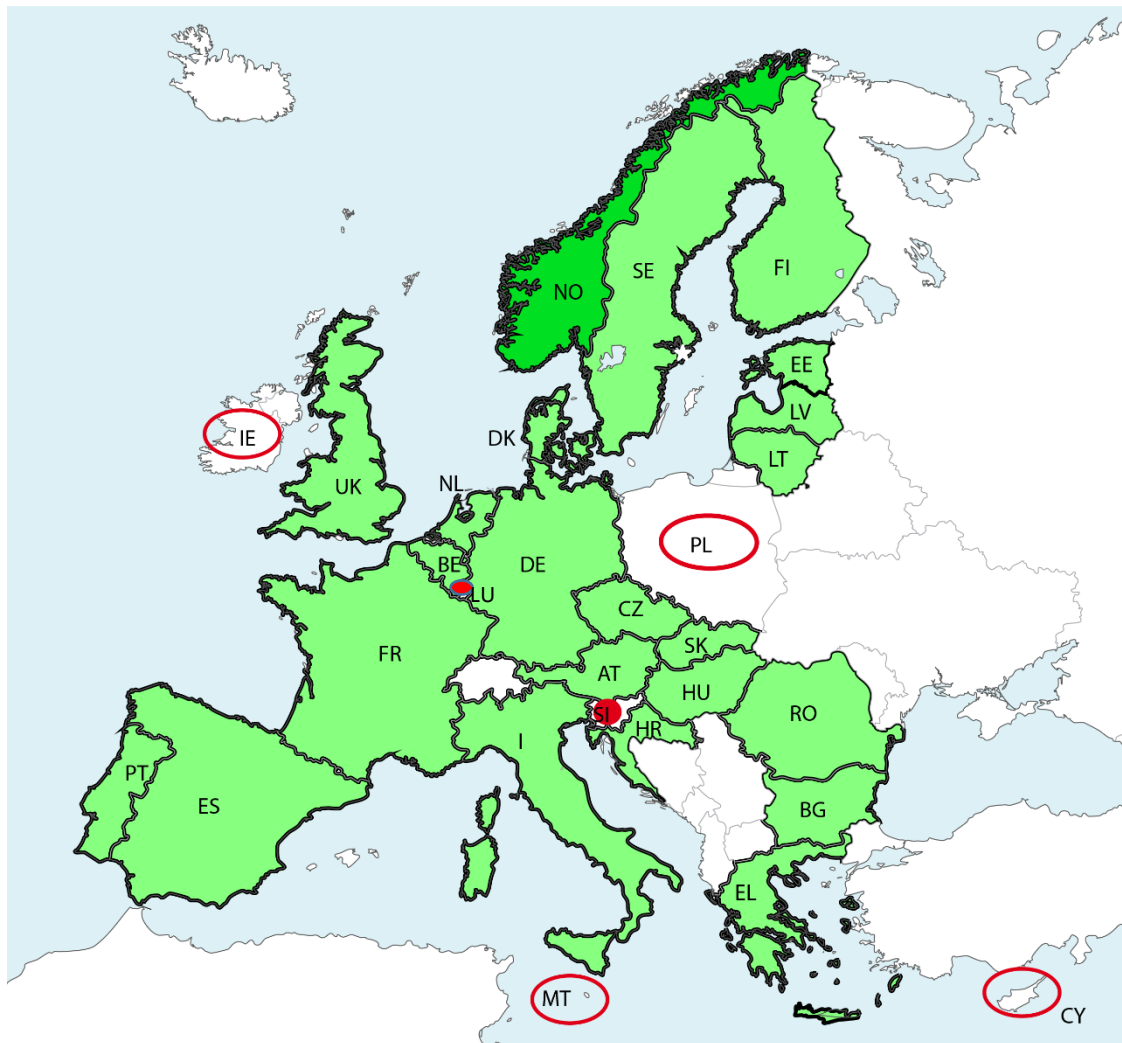
- Cyprus
- Luxembourg
- Poland

**from**

- Italy
- Latvia
- Lithuania
- Netherlands
- Portugal
- Romania
- Slovakia
- Spain
- Sweden
- United Kingdom
- + Norway

**missing**

- Ireland
- Malta
- Slovenia





CONCERT is open to new national  
Programme Owners and Managers  
(POM)  
at any time

*(requires amendment of the grant agreement)*

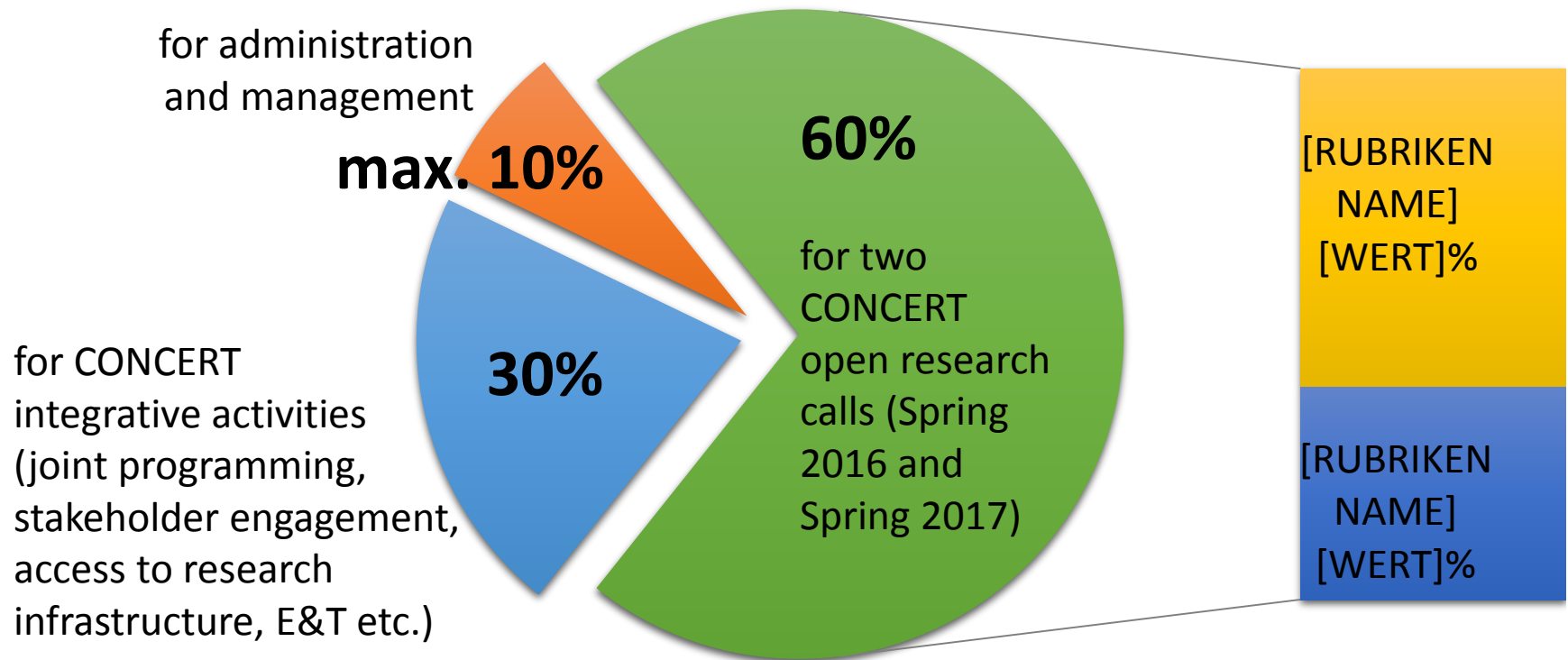
- **Co-funding**

- max. 70% EURATOM : min. 30% national funding
- national funding: in-kind and/or in cash
- EURATOM share: max.19.8 Mill. EURO



- **Total CONCERT EJP funding**  
min. 28 Mill. EURO in 5 years

# CONCERT Funding Scheme



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- Open RTD calls: **17 - 18 Mill. €**  
(EC share: 12.0 Mill. €)
  - RTD call 1: 10 - 11 Mill € (EC share: 7 - 8 Mill. €)
  - RTD call 2: 6 - 7 Mill € (EC share: 4 - 5 Mill. €)
- Education and Training: **2 - 3 Mill. €**  
(EC share: ~1.6 Mill. €)



# Timetable

Grant application	September 17 <sup>th</sup> , 2014
Information about successful score	February 17 <sup>th</sup> , 2015
Start of EJP CONCERT	Start: June 1 <sup>st</sup> , 2015 Kick-Off Meeting: June 17 <sup>th</sup> /18 <sup>th</sup> , 2015
Signature of grant agreement (GA)	July, 2015
Signature of consortium agreement (CA)	December, 2015
Open RTD calls	2 June 2016
	2 <sup>nd</sup> Call planned for early 2017

<http://www.concert-h2020.eu/en>

## Scientific Topics of the 1st Transnational CONCERT Open Call for Proposals for Radiation Protection Research

### Topic 1

#### Improvement of health risk assessment associated with low dose/dose rate radiation

The overall aim of this action is to improve knowledge on the shape of the dose-response-relationship for radiation induced health effects (cancer and non-cancer) at low doses/dose rates and individual factors affecting risk, relying on approaches including (i) informative epidemiological studies with individual dosimetry on internal and/or external exposures considering all dose-relevant radiation components and their uncertainties and (ii) model systems with clear relevance to radiation-induced diseases allowing the identification, development and validation of relevant biomarkers that can form the core approach for the assessment of the health risks associated with low doses/dose rates exposures.

### Topic 2

#### Reducing uncertainties in human and ecosystems, radiological risk assessment and management in nuclear emergencies and existing exposure situations

Proposals will identify and address key uncertainties in modelling and decision making regarding exposure, dose and risk characterization and management for humans and wildlife. This is needed for a wide range of sources, release scenarios, and assessment contexts for emergencies and existing exposure situations (especially in cases of mixed external and internal exposures), including NORM. Refinement of physical, chemical and biological processes driving environmental behaviour of radionuclides, incorporating such knowledge in models, will improve the final decision making process by reducing uncertainties. In the improvement of the decision making process, the needs and values of the various stakeholders at the local, national and international level should be investigated to develop robust strategies.