

# ENETRAP III European guidance on the implementation of the requirements of the Euratom BSS with respect to education and training for RPE and RPO

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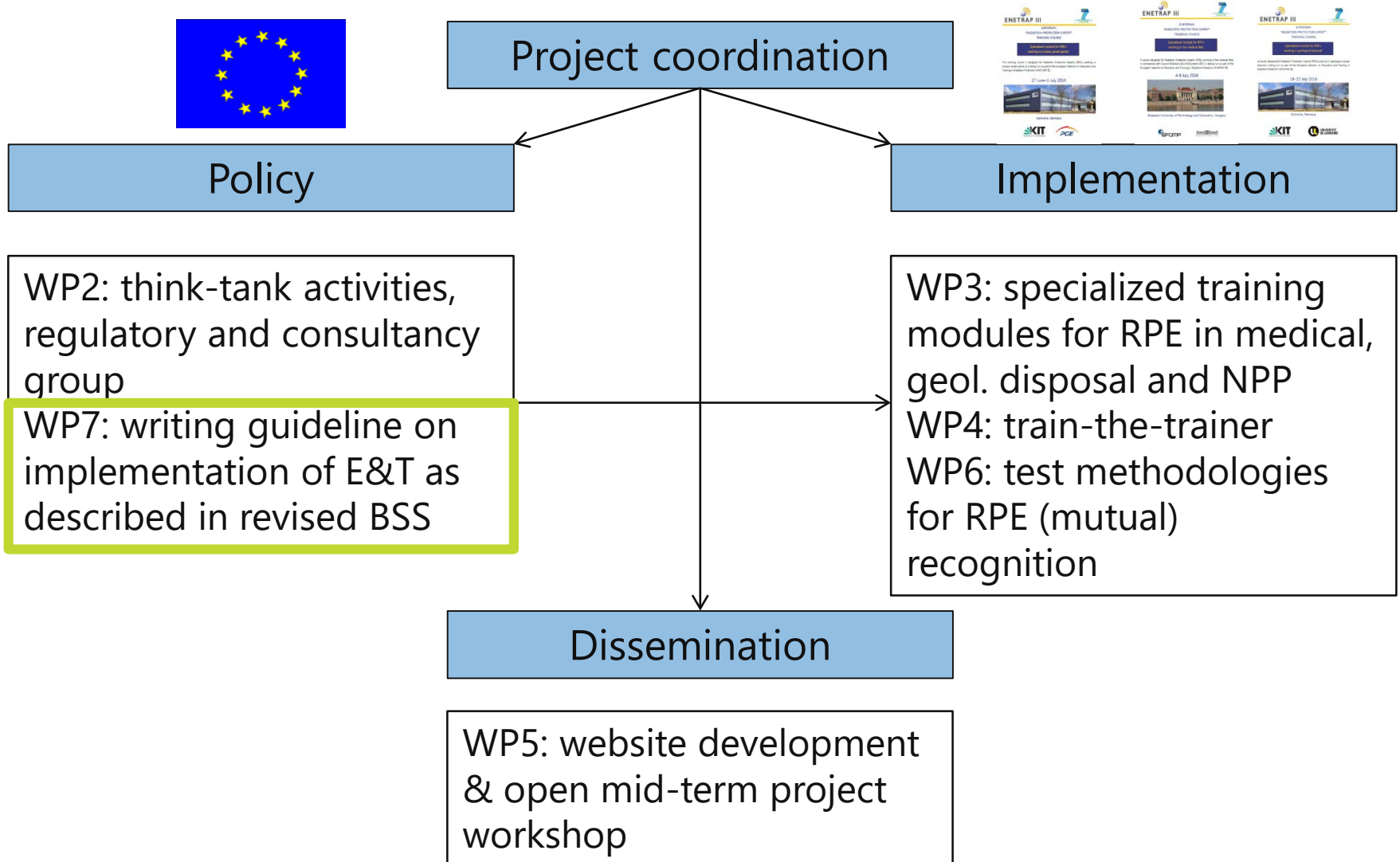
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- European Network on Education and Training in Radiation Protection
- 7FP coordination action in Fission-2012-5.1.1: Euratom Fission Training Schemes (EFTS) in 'Nuclear Fission, Safety and Radiation Protection' (ref.nr. 605159)
- "Follow-up" of ENETRAP 6FP, ENETRAP II 7FP
- Started June 2014
- Key words: training of RPE and RPO, policy development, mutual recognition, cross-border mobility



# ENETRAP III | 2014-2018 schematic overview





- EU requirements may appear quite clear, however: varying approaches in implementation on the national level
- Work in ENETRAP and ENETRAP II projects on RPE + RPO
  - Results: presented and discussed in EUTERP Workshops
  - Input: concepts of RPE and RPO in the revised Euratom BSS
- The Euratom BSS (2013/59/Euratom) specifies requirements for the Radiation Protection Expert (RPE) and for the Radiation Protection Officer (RPO).
- Member States must translate the goals and requirements into their national legislation before February 2018.



### ■ DG ENERGY

- Euratom BSS (2013)
- SET-Plan Roadmap E&T (Strategic Energy Technology, 2014)

### ■ DG Education & Culture

- ET 2020 (Strategic framework for European cooperation in education and training, 2009)
- EQF/ECVET (European Qualification System; European Credit System for Vocational Education and Training, 2008/2009)

### ■ DG Research and Innovation

- Euratom FP7 and H2020 projects

### ■ HERCA TG E&T (2013)



## Development of the document involvement of stakeholder

- Drafted by WP7 members: BfS, EUTERP, HPA, SCK•CEN, IST-ID
- WP 7 Meeting on 24 September 2014 in Brussels
  - Documents (BSS requirements, RP 174 + 175, results of the activities of the HERCA Task Force on E&T) were reviewed
- WP 7 Meeting on 12/13 February 2015 in Munich
  - Discussion of the first draft of the guidance document; document was sent to HERCA in May 2015
- HERCA Workshop RPE-RPO on 6-8 July 2015 in Paris
- EUTERP Workshop, 30 Sep – 2 Oct 2015 in Athens

=> Comments included, text consolidated, submission of the Guidance Document to EC RTD as ENETRAP III Deliverable



## Development of the document involvement of stakeholder

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- Also comments of DG ENER are included
- Next step: Art. 31 Group of Experts Meeting, May/June 2016

=> Aim: guidance to be published in the Radiation Protection Series of the EC



- **Title:** European Guidance on the Implementation of the Requirements of the Euratom BSS with respect to RPE and RPO
  
- **Scope:**
  - provides guidance to regulatory authorities and professional bodies on the roles of the RPE and RPO, as defined in the BSS
  - specifies the knowledge, competencies and practical skills of RPEs and RPOs for the effective implementation of their roles
  - specifies the core training requirements for RPEs and RPOs
  - describes a process for the national recognition of RPEs
  - provides guidance on the development of mutual recognition processes between Member States.





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- 2. Overview of the Euratom BSS Requirements for RPE and RPO**
    - 2.1 Role, functions and duties of the Radiation Protection Expert (RPE)
      - 2.1.1 Competence
      - 2.1.2 Suitability
    - 2.2 Role, functions and duties of the Radiation Protection Officer (RPO)
      - 2.2.1 RPO competence and suitability
      - 2.2.2 RPO recognition and appointment
    - 2.3 Interactions between the RPE and other professionals in RP
    - 2.4 Requirements for education and training for RPE and RPO



## 3. The Radiation Protection Expert (RPE)

- 3.1 The activities of the RPE (*Table 1: Advice expected from the RPE (topics for advice and associated activities)*)
- 3.2 RPE development: core competence (*Table 2: Basic requirements for core competence*)
  - 3.2.1 Education
  - 3.2.2 Training and development (*Table 3: Required Skills and competencies for the RPE (for each topic for advice)*)
  - 3.2.3 Work/operational experience / on-the-job training
- 3.3 Arrangements for RPE recognition
  - 3.3.1 Establishment of an RPE recognition scheme/framework
  - 3.3.2 Routine Operation (*Table 4: Evidence of competence*), (*Table 5: Examples of suitable evidence*)
- 3.4 Transferability/acceptance of RPE status between Member States (*Table 6: Aspects to be addressed in accepting RPE Status in other MS*)
  - 3.4.1 Criteria for mutual recognition
- 3.5 Mechanism for mutual recognition
- 3.6 European Qualification arrangements (*Table 7: Descriptors defining EQF levels*)



- 4 The Radiation Protection Officer (RPO)**
  - 4.1 The duties of the RPO *(Table 8: Primary duties of the RPO)*
  - 4.2 Core competence requirements *(Table 9 and 10: Core learning outcomes for RPO)*
  - 4.3 Educational requirements
  - 4.4 Training requirements
  - 4.5 Work experience required
  - 4.6 Further requirements
  - 4.7 Assessment of competence
  - 4.8 Maintenance of competence
  - 4.9 Recognition and appointment
  - 4.10 Mechanism for mutual recognition



- WP7 guidance document = tool for Member States
- Gives a basis for further development of mutual recognition (WP6)
- Follow-up of use and implementation in
  - ENETRAP III dissemination workshop – 2016 edition during RPW2016 in Oxford, September 20 2016
  - ETRAP international conference, May 2017 in Valencia
  - European IRPA E&T session / EUTERP Workshop 2018

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