



## Introduction to the ENETRAP III project

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Coordinator SCK•CEN

Partners
PHE
BfS
CEA-INSTN
KIT
CIEMAT
NRG
EFOMP
EUTERP
IST-ID
BME
PGE SA

UL

- TFP coordination action in Fission-2012-5.1.1: Euratom Fission Training Schemes (EFTS) in 'Nuclear Fission, Safety and Radiation Protection' (ref.nr. 605159)
- 99 person months, requested budget 780.000 €
- Started June 2014
- Key words: training of RPE and RPO, policy development, mutual recognition, cross-border mobility
- "Follow-up" of ENETRAP 6FP, ENETRAP II 7FP



## Why another ENETRAP project?

Where do we come from – where should we go to?



# First approach to "harmonization" by ENETRAP 6FP 2005-2007 | Most important realisations

#### **EDUCATION**

Establishment of Consortium of Universities → Launch of European Master in RP

#### **TRAINING**



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#### **Partners**

CEA-INSTN
FZK-FTU
BfS
CIEMAT
NRG
ENEA
HPA-RPD
UJF Grenoble
NHC Scotland

#### ENETRAP questionnaire, resulted in an overview on:

- A. numbers of RPE's and RPO's;
- B. identification of practices;
- C. national capabilities for E&T in RP;
- D. regulatory requirements;
- E. recognition.

### Introduction of preliminary "ENETRAP training scheme"

- Development of first E-learning module via MOODLE
- Advise on implementation of OJT/WE
- Supported by end-users and providers (via EUTERP)



### Further developments in ENETRAP II 7FP 2009-2012



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**BME** 

**UPB** 

- Primarily dealing with RPE and RPO, but interested in medical field and the approaches used for MPE
- Towards European <u>reference</u> training scheme for RPE, serve as basis for mutual recognition
- Introduction of **ECVET** approach, learning outcomes in terms of K, S, C
- Organization of pilot sessions
- Development of draft/proposed frameworks and methodologies for national and international/mutual recognition of RPEs
- Towards sustainable results via collaboration with **EUTERP** and HERCA



### Since previous projects...

- Lots has changed!
  - Well-established contacts with HERCA via EUTERP
  - Publication of EURATOM Council Directive: 2013/59/EURATOM
  - Guidelines for MPE E&T published
- Lots has not changed!
  - Need for adequate E&T for RPE, RPO, ... within EQF, ECVET, ...
  - Need for guidelines to complement 2013/59/EURATOM for RPE and RPO
  - Need for European approach on "mutual recognition"



## ENETRAP III | 2014-2018 Schematic overview



#### Project coordination



#### **Policy**

WP2: think-tank activities, regulatory and consultancy group

WP7: writing guideline on implementation of E&T as described in revised BSS

#### **Implementation**

WP3: specialized training modules for RPE in medical. geol. disposal and NPP WP4: train-the-trainer WP6: test methodologies for RPE (mutual) recognition

#### Dissemination

WP5: website development & open mid-term project workshop



More information per Work Package in the following presentations of this session

Q&A and broader discussion on the ENTRAP III way forward and relation to EUTERP at the end of this session