



## The development of radiation protection training schemes within the 7FP ENETRAP-II

*Michèle Coeck  
SCK•CEN - Belgian Nuclear Research Centre  
Mol, Belgium*

*mcoeck@sckcen.be*

*Co-authors: P. Livolsi, A. Schmitt-Hannig, S. Möbius,  
M. Marco, F. Draaisma, E. Fantuzzi, J. Stewart,  
P. De Regge, P. Vaz, P. Zagyvay, M. Ceclan*

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### Today's situation

Over past years: **decrease in number of experts** in radiation protection. However, **increased attention to RP is needed**: “nuclear renaissance”, more technologies (and more frequently used) rely on radioactivity.

### ACTIONS:

#### Fill the gap

#### Prepare for future needs

#### Attract new people

#### Provide adequate E&T

- **Increase awareness** that knowledge of RP science is important & provide **attractive career opportunities** related to RP (at all levels; in medical, industry, research, ...).
- **Support** of young students and professionals in their need to **gain and maintain** high level radiation protection **knowledge and skills**.
- **Develop good infrastructure for education and training:**
  - to combat the decline in expertise and
  - to assure high level of future RP knowledge and skills.

## Development of E&T activities

- Harmonized approach
  - Reducing differences; finding a common basis for E&T
  - Mutual recognition of RP courses (and providers)
  - Clear and uniform terminology on professions in RP
  - Mutual recognition of acquired competences of RP professionals

will facilitate the development of a common RP (and safety) culture and the mobility of workers
- Legal framework
  - Council Directive 96/29/EURATOM, laying down **Basic Safety Standards** for the protection of the health of workers and the general public against the dangers arising from ionizing radiation
  - Communication 98/C 133/03, concerning its implementation
  - In revision → **RPE, RPO, MP**

on

European

level





*Coordinator*  
SCK•CEN

*Partners*  
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- European Network for Education and Training in Radiation Protection – part II
- Submitted for 7FP, Theme: Fission-2008-5.1.1, Euratom Fission Training Schemes (EFTS) in all areas of Nuclear Fission and Radiation Protection
- EC contribution 800 000 EUR, equal contribution from partners
- *Primarily dealing with RPE and RPO, but interested in medical field and approaches used for MP*

To develop European high-quality "reference standards" and good practices for E&T in radiation protection.

These "standards" will reflect the needs of several professionals in all sectors where ionising radiation is applied (nuclear industry, medical sector, research, non-nuclear industry).

The introduction of a radiation protection "training passport" as a mean to facilitate efficient and transparent European mutual recognition is another ultimate deliverable of this project.

- Develop the European **reference standards** for RPE and RPO training and based on that **develop training scheme** (ERPTS);
  - Specific attention to topics, including “non-technical/soft skills”, OJT/WE, ...
- Develop and apply a mechanism for the **evaluation** of training material, courses (and providers);
- Establish a recognised and sustainable "**quality label**" for training events;
- Create a **database of training events** and training **providers**;
- Bring together national initiatives to **attract early-stage** radiation protection researchers on a European level;
- Develop some **course material** examples (including e-learning);
- **Organise** pilot **sessions** of specific modules of the ERPTS and **monitor the effectiveness** according to a developed system;
- Development of a **European passport** for CPD in RP.

- The composition of the Advisory Board is such that **all relevant stakeholders**, with respect to the stated aim of the project, are represented, i.e. regulatory authorities, international organisations, professional organisations, training providers, research institutes, medicine and industry
- The Advisory Board will **advise about the best balance between supply and needs** of training, thereby ensuring stable feedback mechanisms to the Steering Committee
- Potential members of the Advisory Board: EUTERP, MELODI, IAEA, EFOMP, OECD, IRPA, the regulatory bodies (HERCA), industry, ...

## Status after 8 months

- The first results are available and summarised on the website. For written reports, please contact the WP leaders or the coordinator.
- Pilot courses will run in 2011. For updated information, please consult the website [www.sckcen.be/enetrap2](http://www.sckcen.be/enetrap2)
- Advisory Board is being established at the moment.



## Important events coming up

- International **ENETRAP II courses**
- Next **ENETRAP II** Steering Committee + Advisory Board meeting: welcome in Bucharest, Nov 17-18-19, 2010
- Next **EUTERP workshop**: March 2011, Cyprus
- Organisation of ETRAP: **international conference on education and training in radiation protection**
  - 2009 Saclay, 2002 Madrid, 2005 Brussels, 2009 Lisbon, **next edition 2012, Vienna**
- See [www.sckcen.be/enetrap2](http://www.sckcen.be/enetrap2) for more information