

ENETRAP III
CSA-CA: Coordination Action
Fission-2012-5.1.1: Euratom
Fission Training Schemes (EFTS)
in 'Nuclear Fission, Safety and
Radiation Protection'

ENETRAP III TOOL FOR CAPACITY BUILDING IN RADIATION PROTECTION.

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INTRODUCTION:

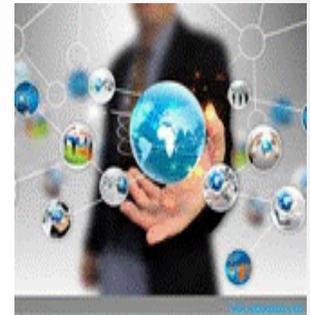
**ENETRAP III project 7FP coordination action in Fission-2012-5.1.1:
Euratom Fission Training Schemes (EFTS) in 'Nuclear Fission,
Safety and Radiation Protection' (ref.nr. 605159)**

**Created to promote the E&T in RP and an adequate
knowledge management
to guarantee future safe use of ionizing radiation as well
as the development of new technologies in a safe way, in
line with EU policies on Education & Training and RP
Capacity Building**

**Education and Training are key priorities in several
initiatives of the Europe 2020 strategy, which aims to
improve M. States capabilities by providing hands-on RP
training using different tools.**

INTRODUCTION:

This presentation aims to present the experience of WP 5 ENETRAP project establishing the RP Community in the context of the EU framework As well as their achievement and challenges for future development of a RP culture.



In this context, the aim of ENETRAP III WP5 is to contribute and to improve the EUTERP Platform. The European Platform on E&T in Radiation Protection

Objectives: Capacity Building & transfer of know-how in RP - E&T: RP community. (WP5)

WP5 Objectives:

**Promote the EUTERP RP community improving the website
to become a CB & KM tool in RP**

**Bring together /disseminate activities and results of the
series of ENETRAP projects and,**

Promote the networking



**including database for courses, events and other
opportunities, in collaboration with IAEA**



www.euterp.eu

**WP 5: Dissemination of project results and contribution to a website for capacity building
and transfer of know-how in RP**

The Capacity Building (CB)

The CB tool developed comprises a big amount of information around three target audiences, namely the professionals in radiation protection, the people in training and the RP community

The CB tool serves as a unique source of information on education and training in RP, such as training references, professional workshops and one of the most important resources for the radiation protection community:

E&T database focussed on the RPE, RPO and the Exposed Workers.

This DB is also offered to all the EU projects and Platforms to present all opportunities in RP in order to build a common CB strategy based on a consensus on common needs, vision and instruments related to:

research: knowledge creation

innovation: technological applications

E&T: knowledge transfer and competence building

Capacity Building (CB) in ENETRAP context

CB is an strategy based on a consensus on common needs, the vision and instruments for research and training in RP matters.

➤ to create and transfer **knowledge**

And to develop

➤ **skills and**

➤ **competencies**

- Of the individuals, organizations and countries,
- in RP matters to protect workers, the public and the environment from the potential risks of ionizing radiation, today and in the future.

This strategy must consider different aspects:

Capacity Building remains a major support to **safety improvement**.



Capacity building in ENETRAP



<http://www.euterp.eu/>

This strategy focussed on education and training, can be summarized as follows:

Needs analysis (results of the training, knowledge, skills and competences ...)

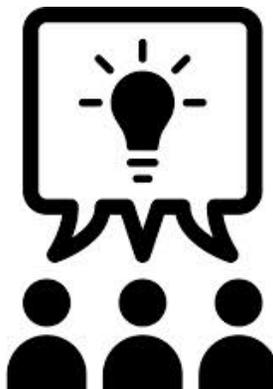
The convergence towards a common vision

The development of common instruments to meet the above needs and vision (EQFs, ECVET, and continuous professional development.)

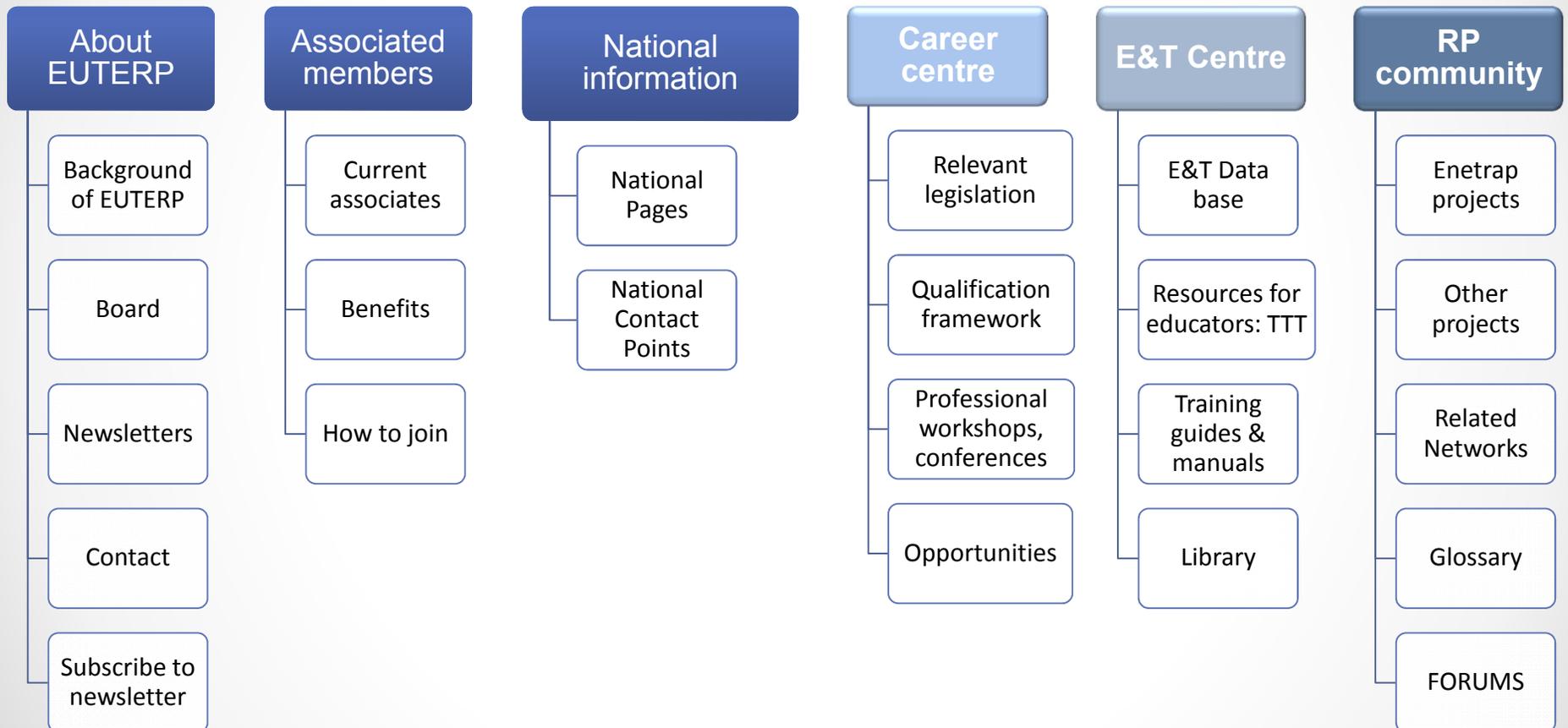
Lifelong learning and mobility without borders

Results

**Work progress of the activities and
the achievements reached**



Results: EUTERP Capacity Building Platform.



Sitemap

About EUTERP
Background of EUTERP
Board
Newsletters
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Associated members
Current Associates
Benefits
How to join

National Information
National pages
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Relevant legislation
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Glossary

Linked projects and networks
ENETRAP projects
Other projects
Related Networks

Events and courses
EUTERP Workshops
ETRAP Conferences
Related events
Courses in radiation protection
Related courses

Results: Functional analysis 1. CAREER CENTER

This block is envisaged containing all the information related with the professionals of RP and its career.



1. Relevant Legislation



2. European Qualification Framework

- ECVET
- EQF
- EQAVET
- ECTS
- CAREER PROFILES



3. Professional workshops, meetings & conferences

- EUTERP workshops
- ETRAP conferences
- RP conferences.
- Presentations & papers



4. Opportunities

- On the Job Training
- Internships
- Job opportunities

Results: Functional analysis 2. E&T CENTER

This block is envisaged containing all the information related with the students at all stages and young professionals in training, as well as resources for trainers.



1. Education & Training database

- E&T courses
- Degrees
- PhD topics
- Masters
- E&T Providers



2. Resources for educators TTT

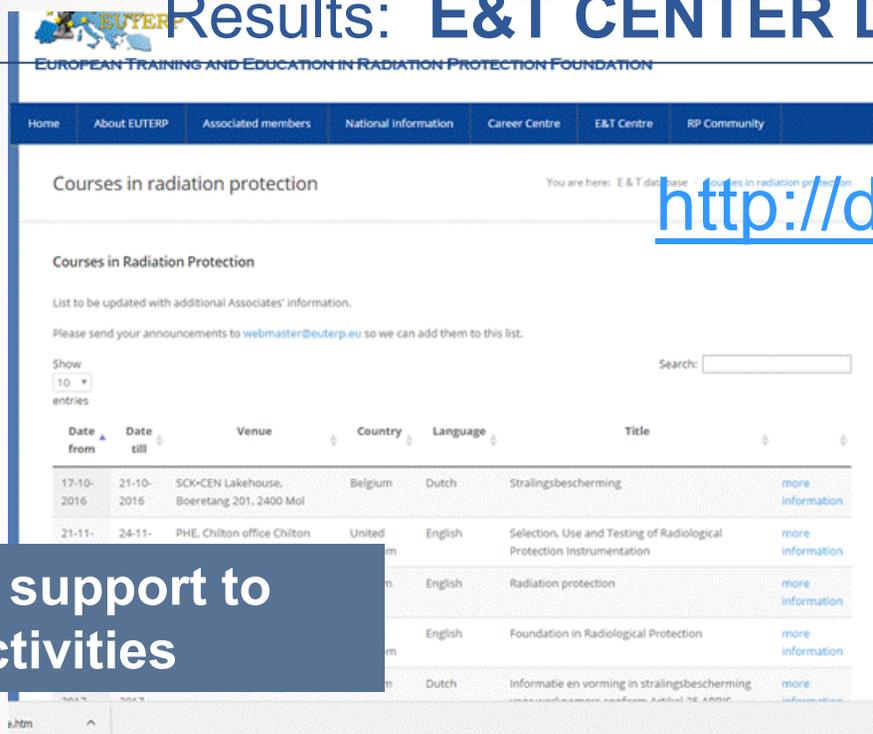


3. Training guides & manuals



4. Library

Results: E&T CENTER DATA BASE



EUETERP
EUROPEAN TRAINING AND EDUCATION IN RADIATION PROTECTION FOUNDATION

Home About EUETERP Associated members National Information Career Centre E&T Centre RP Community

Courses in radiation protection You are here: E&T database > Courses in radiation protection

Courses in Radiation Protection

List to be updated with additional Associates' information.
Please send your announcements to webmaster@euterp.eu so we can add them to this list.

Show 10 entries

Search:

Date from	Date till	Venue	Country	Language	Title	
17-10-2016	21-10-2016	SOX-CEN Lakehouse, Boeretang 201, 2400 Mol	Belgium	Dutch	Stralingsbescherming	more information
21-11-	24-11-	PHE, Chilton office Chilton	United Kingdom	English	Selection, Use and Testing of Radiological Protection Instrumentation	more information
			United Kingdom	English	Radiation protection	more information
			United Kingdom	English	Foundation in Radiological Protection	more information
			Belgium	Dutch	Informatie en vorming in stralingsbescherming	more information

<http://demo1.euterpdb.org>

<http://euterpdb.org>

Giving support to
E&T activities

Open to all end-users

Education and training of RPE, RPO and
Workers, guidelines for E&T in line with
BSS, policy development, mutual
recognition, cross-border mobility
Reorganized in line with the IAEA DB

Results: **E&T CENTER DATA BASE**

What can you find on EUTERP database?

The EUTERP database is the place to search when you are looking for:

Training

Courses

Academic

Education

Internships, PhD and Postdoc opportunities

On-the-job training

Job opportunities

Workshops, conferences, symposia

Organizations

All in the field of Radiation Protection in Europe

**The “E&T database”, contains information about
E&T events, opportunities and PROVIDERS**

Results: **E&T CENTER DATA BASE**

This application includes the information organized by

the nature of event: E&T courses, Degrees, PhD topics and Masters;

the target audience: E&T: RPE, RPO, Exposed Workers

kind of the event: initial, retraining and specialization in any type of areas of the radiation protection.

On-the-Job-Training (OJT)

An overview of institutes hosting on-the-job-training possibilities, conforming to the agreed standard identified in the ENETRAP project.

RESULTS: Functional analysis **3. RP COMMUNITY** active knowledge networking in RP

This block contains information & utilities to create an active **virtual community**. Provides a better understanding on where & which E&T actions are currently missing

ENETRAP RESULTS

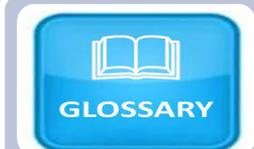
Activities	Title	RP
WP 01	Validation and testing procedure of the ENETRAP III	RP3: Implementation and development of ENETRAP III
WP 02	Proposal of the EMBPIS	RP3: Development of an European Certificate for International Cooperation
WP 03	ERA EU and local instruments for RP E&T	RP3: Analysis of the specific content of ERA E&T in national and EU context to European instruments
WP 04	Report on Training needs and capabilities	RP3: Assessment of existing needs and capabilities in relation to European, national, Member States and the candidate States
WP 05	Report on the existing training courses	RP3: On-line RP Training (OCT) programs
WP 06	State of knowledge of the first SOC members of the candidate RP Training	RP3: Evaluation of the results, reaction of some members of the first SOC members of the candidate RP Training
WP 07	Designation of Health Training Recommendations ETC	RP3: Designation of competence and diplomas
WP 08	Report on available tools for RP Training	RP3: New instruments of new tools for the RP Training
WP 09	Report on available tools for RP Training	RP3: Evaluation of the results, reaction of some members of the first SOC members of the candidate RP Training



1. ENETRAP projects



2. Other projects & related networks



3. Glossary



4. Forums

Projects:

EUTEMPE-RX
TRASNUSAFE
NUSHARE
PETRUS
GENTLE
CINCH
MEDRAPET

Related Networks:

IRPA
ENEN Association
MELODI
NERIS
ALLIANCE
EURADOS
EAN
EMAN
EFOMP
HERCA

Summary of the related projects and networks included in "Radiation Protection Community"

CONCLUSIONS

- **WP5 has designed a CB tool around three groups of professionals, the people in training & the RP community.**
- **The tool, supported by the EUTERP foundation, aims to contribute in transferring of knowledge and developing skills and competencies, at individual and collective level in RP matters.**
- **The portal offers a complete information in RP: legal requirements, national approaches, European E&T standards and requirements, course material, course organizations, etc.. And also includes support to the RPE and RPO job profiles, in terms of education and training qualification, and in the credit systems such as ECVET and raises the profiles of the RPE and RPO as an attractive career option promoting their mobility around the European Union**
-  **ENETRAP III has developed a database of E&T events and providers, which increases awareness and accessibility of E&T, opportunities and resources and promote networking which brings a positive effect to the whole Community.**
- **The events included in the DB are focused on RPE, RPO and EW, belonging to different kind of programmes as initial, refresher, specialization, OJT) and others.**
- **Promote the networking around UE. By having the E&T information of other EU projects it is possible build up a cooperative system based on a RP community**

Progress and Results:

CB strategy tries to maximize K,S&C of individuals, organizations & countries, to protect workers, public & environment from the potential risks of IR, today & in the future (E&T, KM, KN & HRM)

the portal structure has organized the information around three target audiences, namely the professionals in radiation protection, the people in training and the RP community

EUTERP-web includes a DB for courses/events/opportunities, connected with IAEA