

ENETRAP II - WP10: Enthusing and attracting young generation with radiation protection

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AGENDA

- 1. WP 10 -role within ENETRAPII**
- 2. WP 10 - Objectives, deliverables & partners**
- 3. WP10 - Tasks & time schedule**
- 4. Results & Conclusions**

1. WP 10 –role within ENETRAP II

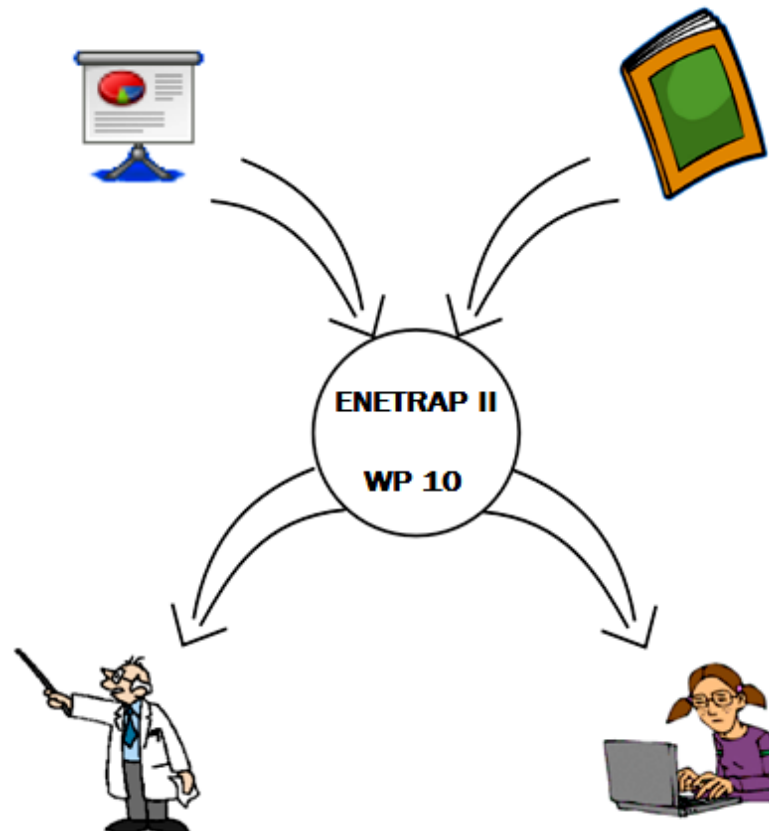
ENETRAP II

- EURATOM 7th FP is implementing EURATOM policy for E&T by supporting: ENETRAP II-RP; ENEN III-NucEng; PETRUS II-geological disposal of radioactive waste;
- ENETRAP II→a specific tool of EURATOM policy for E&T implementation
- Today's challenge in the field of RP involves:
 - ✓ measures to make the work in RP more attractive for young people
 - ✓ to provide career opportunities
 - ✓ to support of young students/YS and professionals to choose a career in RP;
- In order to give an answer to challenge in RP → ENETRAP II focused on:
 - ✓ attracting YS in RP field (by awaking their interest in RP already during their schooldays).
 - ✓ bringing together the national initiatives at a European level-**specific objective no. vi** of ENETRAP II

1. WP 10 –role within ENETRAP II

WP 10 role

- a tool of the ENETRAP II to enthuse the YG with RP field
- deals with the development of a coordinated approach on attracting of YS in RP



2. WP 10 – Objectives, deliverables & partners

WP 10-Objectives

- to bring together national initiatives to attract early-stage RP researchers on a European level
- to develop of an coordinated approach of ENETRAP II on attracting of YS in RP

WP 10-Deliverable

- WD10- Overview of The RP Action Plan - the ENETRAP II's instrument to enthuse the YG with RP

WP 10-Partners

- all 12 ENETRAP II partners
- leader - UPB (Romania)

3. WP 10- tasks & time schedule

WP 10-Tasks

Task no.	Task name	Milestone	Partners' contribution	Start month	Delivery date
T10.1	Surveying national and international initiatives for attracting young people in radiation protection		P1-P12 will fill in the Annex 1	1/March 2009	11/January 2010
T10.2	Analyzing human resources (HR) shortage in RP and defining measures for addressing the HR shortage in RP	Bringing together national initiatives to attract early-stage radiation protection researchers on a European level	P1-P12 will fill in the Annex 2	1/March 2009	11/January 2010
T10.3	Designing The Radiation Protection Action Plan for providing continuous professional development for science teachers		P1-P12 will fill in the Annex 3	12/February 2010	15/May 2010
T10.4	Defining mechanisms for The RP Action Plan implementation in EU	Developing mechanisms for The RP Action Plan implementation	P1-P12 will fill in the Annex 4	16/June 2010	18/August 2010
T10.5	WD10: Overview of The RP Action Plan – the ENETRAP's II tool to enthuse the YG with RP field		P1-P12 will check out the draft Report	19/September 2010	22/December 2010

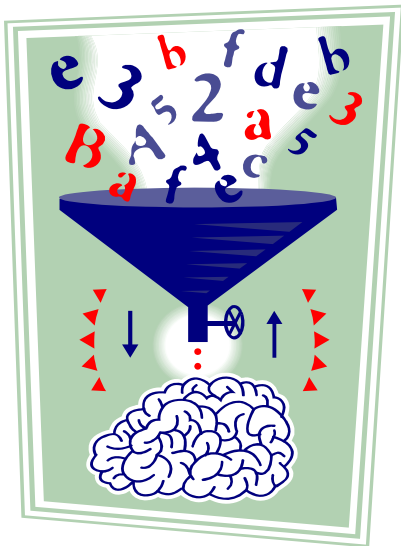
3. WP 10 - tasks & time schedule

WP 10-Time schedule

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T10.4																				M2																
T10.5																									WD10											

ETRAP 2009

- The first period of 11 months after ENETRAP II Kick-off meeting :
 - ✓ T10.1: Surveying national and international initiatives for attracting YS in RP
 - ✓ T10.1 results → finding a suitable practice that can be used all over EU
 - ✓ T10.2: Analyzing HR shortage in RP
 - ✓ T10.2 results → measures for addressing the HR shortage in RP
- ✓ **ETRAP 2009**: T10.1 and T10.2 are in progress



3. WP 10 - tasks & time schedule

WP 10-Time schedule

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ETRAP 2009

- The second period of 4 months:
 - ✓ T10.3: Designing The Radiation Protection Action Plan for providing continuous professional development for science teachers
 - ✓ expected results: → to support science teachers to inform, engage, & enthuse YS with RP
 - to support YS to understand Science, Technology, Engineering&Math/STEM-RP→ important for choosing RP career

3. WP 10 - tasks & time schedule

WP 10-Time schedule

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ETRAP 2009

- The third period of 3 months:
 - ✓ T10.4: Defining mechanisms for The RP Action Plan implementation
 - ✓ expected results: → identifying the need for new STEM/RP materials; Share & embed good practices; collecting ideas for an EU directive on RP professional development programme (RP-PDP)
- The fourth period of 4 months:
 - ✓ T10.5: WD10- Overview of The RP Action Plan – an instrument of ENETRAP II to enthuse the YG with RP
 - ✓ **possible result**: to continue ENETRAP II with an other FP7 project on developing The RP Action Plan

3. WP 10 - tasks & time schedule

WP 10 - Meetings

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						
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- The kick-off meeting:
 - √ within ETRAP 2009
- The first meeting (M1):
 - √ goal: to decide on →the suitable practice that can be used in EU
 - measures for addressing the HR shortage in

RP

- The second meeting (M2):
 - √ goal: to decide on →The RP professional development programme (RP-PDP)
 - mechanisms for The RP Action Plan implementation

4. Results & Conclusions

- T10.1 partial results → inventory of practices within 3 partner countries
- specialized practice/specific message for a targeted group
 - finding a suitable practice that can be used all over EU

Country	Initiative's name	Targeted groups	Result indices
Germany-FZK	Girls Day	girls in the age of 9 to 14	-
	Kinder Universität	children of the age 10 to 14 years	-
	Seminare für Schüler und Lehrer	pupils of grammar-schools	-
	Jugend forscht	pupils college (16 to 18 years)	-
	Forschungsschiff		
The Netherlands - NRG	Dutch Young Generation/DYG	Young people working in the nuclear industry	Developing a network of people working in RP
	NRG education in high school	High Schools students	More knowledge about ionizing radiation
	ISP Universiteit Utrecht	Secondary Schools students	More knowledge about ionizing radiation
Romania-SNN	painting contest → topic "What does Nuclear energy&RP mean?"	Primary Schools students	Attracting Primary Schools students to nuclear sciences and RP
	Supporting high school students to choose STEM/ RP career	High Schools students	Helping High Schools students to choose STEM/ RP career

4. Results & Conclusions

T10.2 partial results → measures for short term - communication improvement

Measures for short term - communication improvement		
The measure	Implementation	Remarks
Using nonformal education for attracting YS to RP career	Providing more information on RP through the INTERNET(virtual space) Developing RP Window section within ENETRAP II project website	WP involved: 10,1,7
Bringing together national initiatives on attracting YS to develop an interest in RP	Completing the inventory of practices within all partner countries on national initiatives for attracting YS in RP	All 12 partners
Closer collaboration between main stakeholders in RP to build and enthuse innovative STEM/RP generations	Inviting employers and E&T organizations at ENETRAP II events	
The STEM/ RP sectors face a huge challenge to communicate to YS the excitement and opportunities it can offer them		

<http://enetrap2.sckcen.be>

Thank you