



PETRUS-III PROJECT

(Contract Number: FP7 - 605265)

Deliverable: D4.25

Minutes of PETRUS CMET exchange workshop

Nature of the deliverable		
R	Report	X
P	Prototype	
D	Demonstrator	
O	Other	

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Reporting period: M30

Date of issue of this report: 26.02. 2016

Start date of project: 01/09/2013

Duration: 36 Months

Project co-funded by the European Commission under the Euratom Research and Training Programme on Nuclear Energy within the Seventh Framework Programme		
Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the partners of the PETRUS III project	
CO	Confidential, only for partners of the PETRUS III project	

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European Commission INPL/ Behrooz Bazargan-Sabet Petrus 3 consortium members	electronic copy via website and email	

Scope	WP4 deliverable n°4.25	Version:	1.0
Type/No.	Report	Total pages	8
Title:	Minutes of PETRUS CMET exchange workshop	Chapters:	2
Filename:	Minutes of PETRUS CMET exchange workshop D4.25	Suppl. pages:	-
Internet	OWL	Phase	Final draft for official review

Signatures

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Document history

Identifier	Date	Short description
Version 1.0	26.02.2016	Final

Abbreviations

E&T	Education and Training
IGD-TP	Implementing Geological Disposal of Radioactive Waste Technology Platform
TOR	Terms of Reference
WMO	Waste Management Organisation
DOW	Description of Work
StrAP	Strategy and Action Plan
SRA	Strategic Research Agenda

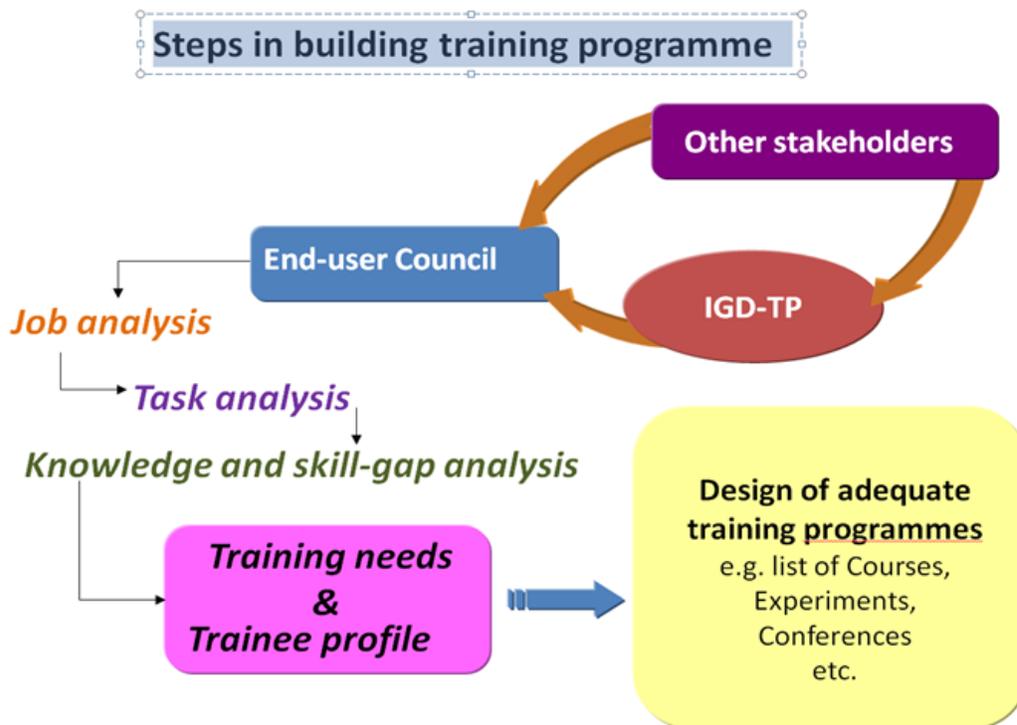
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1) Background

In the frame of WP4 links between the PETRUS III project and IGD-TP's CMET WG was established to continue the E&T initiatives and their deployment relying on the support of the radioactive waste community (**Picture 1**). This involves setting-up of a strategic policy to match E&T supply with demand and to find a continuing framework for the Professional Development scheme and its coordination.



Picture 1: End-user Council relations in the project toward IGD-TP's CMET WG

The role End-User Council is to provide advice, insight, input and vision for the strategic development of the project. Dialogue with the IGD-TP's Competence Maintenance Education and Training (CMET) Working Group with the aim of continuing the development of Professionals' training scheme and its coordination has been concretised in one hand by the interaction with PETRUS End-users Council and by the other hand with the organisation of common meetings.

2) PETRUS III - IGD-TP's CMET WG activities

In Prague IGD-TP CMET working group meeting No. 6 took place (7. - 8. December 2016, B168 CTU, Thákurova 7, 16629 Prague 6, Czech Republic).

A round of introductions followed with a fairly long round table discussion around the participants' perspectives to the CMET activities. The starting point was the CMET activity itself which is now discontinuing under the IGD-TP at the decision of the IGD-TP EG no 17. One more meeting of the IGD-TP CMET will be held in April in Slovenia and the future of the activity needs to be discussed: Whether to maintain the networking, in which form and under which umbrella, if any. The participants agreed that there is a need for the activity (as a network or umbrella).

Petrus III plans for continuation aim to address a PhD school with industry relations were also discussed. The PhD event of Petrus III in Petrus PhD Conference 2015 in June - www.petrus2015.eu was successful and a new event will be organised summer time in Delft.

For the potential new project ENEN would be in charge of administration. This was linked with the following discussion.

The example of the eLearning tools of the Nuclear Radiochemistry network (available on PP), where the tutors share their own training materials on wiki spaces and e.g. Moodle is used by the individual tutors to adapt the materials into their training courses was presented. Information that also IAEA's CONNECT includes some training modules and IAEA has also the Moodle based CLP4NET for this purpose open for interested users was added. Question was asked if this is something the ENEN could do and master such a space e.g. within the ANNETTE project. ENEN asked also to communicate the identified priority actions (mini "SRA") of the CMET to both ANNETTE and PETRUS III.

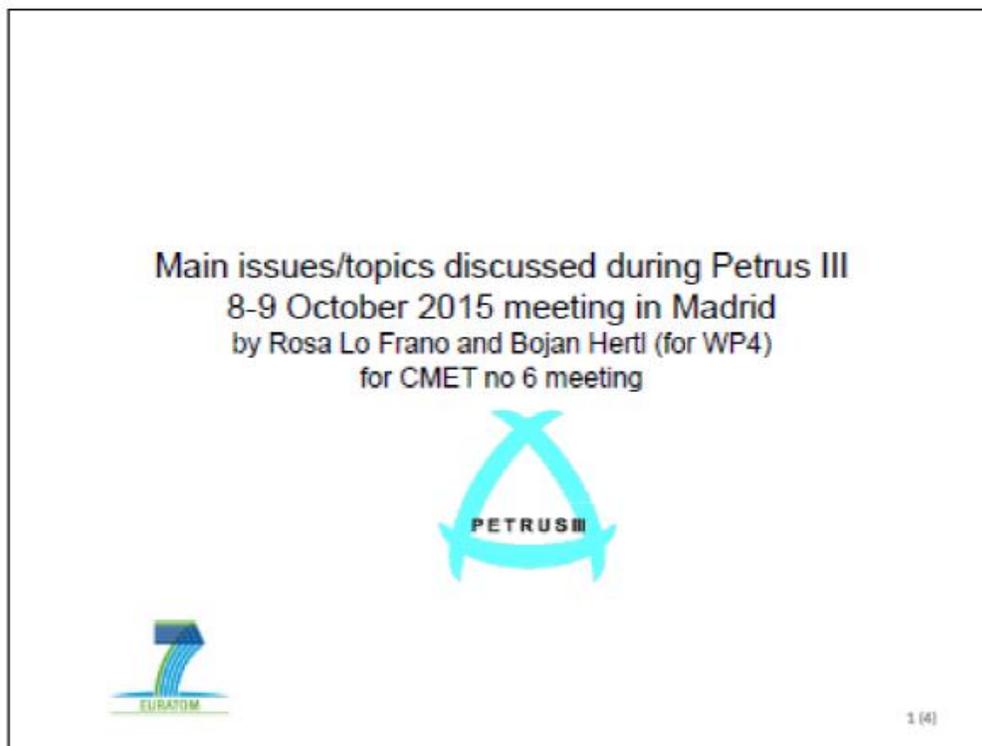
Draft StrAP executive summary was distributed and reviewed by the participants. Identified priorities for future actions were:

1. Define some professionals' profiles (learning outcomes) for civil engineers, geologists
2. Use practical training on repository/URL sites or site related work in training (potential Josef, CZ; Grimsel, CH; Bure, FR).
3. E-learning courses (IAEA style) on a specialised topic by an international working group by sharing competences and expertise
4. Sharing what has been learned in the countries with more advanced programmes with other countries at earlier stages of repository development
5. Produce a strategy that is in alignment or aligns with the European Commission's strategy and potential funding requirements. The purpose is to provide input for where the E&T in geological disposal should focus on in Europe.
6. Collect/Refresh [community] memory around the RD&D that has been conducted in geological disposal in the past (state-of-the-art "summary")
7. Make a Geological disposal workshop to train people (URF network type). Provide experts for the workshop.

Proposed mini "SRA" shall be communicated to both ANNETTE and Petrus III for considering future actions.

Update on the PETRUS III activities was presented (**Picture 2**). Additionally on PETRUS III WP5 a new draft deliverable D5.2 "Integration of European Label" was presented. The document introduces the various workable alternatives for the Petrus III certification.

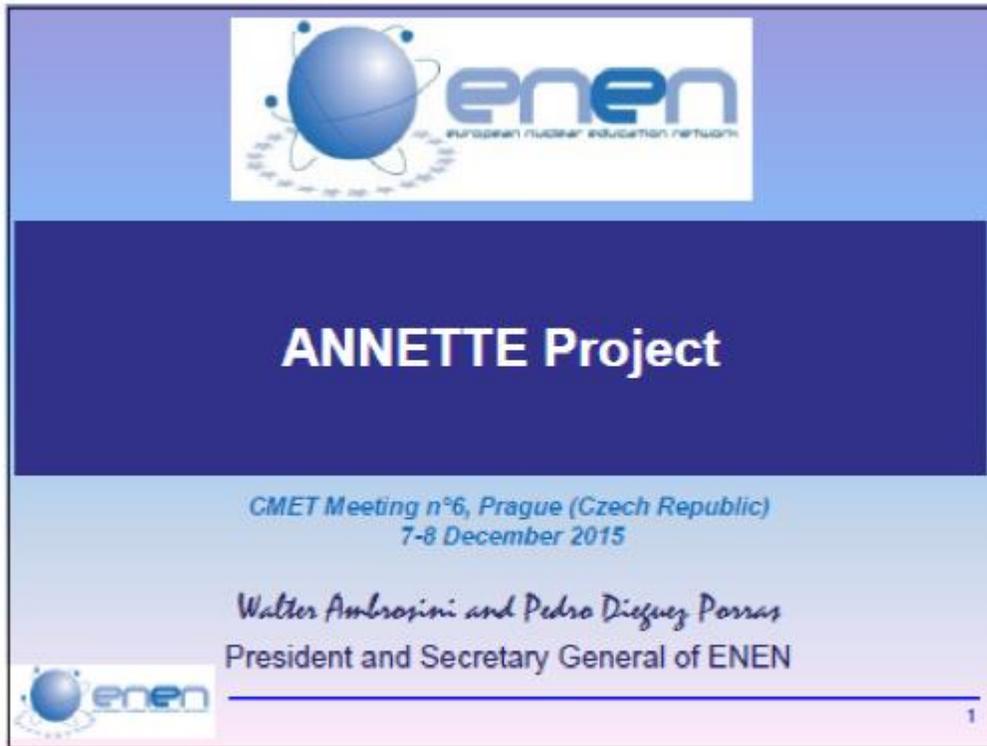
ANNETTE project which include currently 25 partners was also presented (**Picture 3**).



Picture 2: Presentation on PETRUS III progress

Based on the decision of the IGD-TP EG 17 and further confirmed by the EG 18 meeting, the last CMET meeting of the IGD-TP JA 14 will be the CMET no 7 meeting that will take place under the umbrella of Petrus III project in Ljubljana, Slovenia on 12 of April 2016. This does not mean that the group and the network of volunteers so willing could not continue their exchange. Only after the spring meeting it will be no longer under IGD-TP.

EG 18 decided that the knowledge transfer activities of the IGD-TP will be taken over by JOPRAD Task 3.4. Based on information from the 2015 Birmingham decommissioning conference and the ENS ETKM task force meeting, JRC/ITU/E3NS is planning a programme of 6 courses in the decom field. They would include the JRC/ISPRA summer school decom module as a part of this planned programme.



Picture 3: Presentation of ANNETTE Project