

Work package 6 description

Work package number	6	Start date or starting event			Month 1
Work package title	Knowledge Management				
Activity Type	COORD				
Participant id	11	2,4,6,7,8,9,10,12,13	1,3,14,15	TOTAL	
Participant short name	ENEN	CU, Micans, Posiva, ANDRA, ARAO, RAWRA, ITC, ENRESA, GRS	INPL, TUC NDA, ITN		
Person-months per participant:	6.5	1	0.5	17.5	

Objectives

This work package, led by CTU under the umbrella of the ENEN association, addresses two interconnected tasks: T6.1 deals with project website established in order to facilitate communication between the consortium partners and with all other stakeholders requiring information on the project (a “homepage”). T6.2 is aimed to create a database on information the relevant information on education and training in radioactive waste management and underground disposal.

Both of those tasks will be developed under adequate Quality Assurance framework as the concept of Quality applies to all of activities of PETRUS2.

In addition to these two tasks, the work package will promote and improve the use of the “face-to face remote teaching” methodology developed by the PETRUS group for dissemination beyond Europe and will survey the development of other low cost Information Technology and e-learning methods.

Description of work

WP6 deals with Knowledge Management. The Network partners will develop a dedicated data and knowledge management system to enhance the work within the Network and to disseminate the information outside the consortium. The web portal and database created under ENEN II will be extended to the training activities and will be loaded with the “Portfolio of formative courses” related to the geological disposal identified in WP4. Other information as for instance thesis subjects available in the partner universities, job opportunities offered by the stakeholders, secondment /work placements (e.g. NDA has bilateral agreements with many European and worldwide partners which include such development opportunities), scientific events related to the radioactive waste disposal, etc. would be published and regularly updated. In addition, a “project homepage” (T6.1) will be established for information flow about results, documents and project status to the project partners and to the EC. The system will be linked to the ENEN association databank in order to create a wide information network on nuclear training. The consortium will also study the Intellectual Property Rights related to public diffusion of the training courses that could be electronically published on the web site.

T6.1 Website (project portal)

The purpose of the web site (portal) is to facilitate communication between the consortium partners and with all other stakeholders requiring information on the project. For this purpose a dedicated web site will be created. In a restricted area accessible to the consortium partners only, the web site will provide tools for co-operative work between participants and for producing internal project information and documents related to the management of the project. In the open area, the web site will give access to useful information about the project, consortium partners and links to their web portals, reports produced and definitively approved by the

consortium and events related to the project such as the organization of Pilot programmes and recruitment of potential participants. For this latter, the questionnaire prepared in WP2 will be implemented for on-line use.

T6.2 Database

PETRUS2 consortium will continue the development of the database began by PETRUS group within the ENEN II project. The content of the database will be completed and the information coming from the new members who have not participating to the PETRUS group will be added according to the procedure that has been produced for this aim.

The database will be extended to the relevant information on training in radioactive waste management and underground disposal. This will include notably the “portfolio of formative courses” that will be prepared in WP1, information about professional development training and accreditation procedures available in different institution, course attendance conditions and relevant documents. At the same time, the database will also include information about opportunities for industrial placements of a significant duration (3-6 months) in the last period of studies. Companies are interested in these types of placements, welcoming students who can be entrusted with responsibilities and be tested for future recruitment. The final Master Thesis project assignment, usually achieved through laboratory research work, may also be carried out through an industrial placement.

The database will be also adapted for archiving certain documents and courses for on-line open use. The database will be integrated into project portal. Besides, a link will be established with the ENEN database and if possible, a harmonization between these databases will be operated.

T6.3 Information Technology

PETRUS group has conceived and tested the “face-to-face remote teaching” methodology within the ENENII project. This tool will be used during the present project for the dissemination of the Common Master Courses in WP3 where the four universities, which have previous experience with this system, will broadcast and share their lectures through the internet. WP6 will promote this tool towards the other partners of the project and beyond, through the links established with the other networks or groups in WP5.

Besides, in order to improve and extend the existing system, WP6 will organize a continuous survey on the development of low cost Information Technology materials including new methods on e.learning.

Deliverables :

D6.1: Report on available e-learning technology and experiences in the consortium	month 10 (WP leader)
D6.2: Technical demonstration of “face to face remote teaching”	month 14 (WP leader + INPL- TUC- UPM)
D6.3: Project portal report (midterm)	month 18 (WP leader)
D6.4: Database functionality tests	month 22 (all participants)
D6.5: Database implementation report	month 30 (WP leader)
D6.6: Project portal report (final)	month 35 (WP leader)

Milestones and expected result

M6.1: Initial setup of the project portal	month 3
M6.2: Agreement on Database structure proposal	month 9
M6.3: On-line files for Gathering data from participants	month 15
M6.4: Preliminary database implementation	month 21
M6.5: Link or integration to the ENEN and ITC databases	month 26