

Newsletter



Vocational Education and Training in Environmental Protection

The training development in Environmental Protection is a subject of the project Intellectual Output (IO7) on which the University of Agribusiness and Rural Development (UARD) is the leading organization. According to the purpose of this IO, the UARD team works on the tasks related to choose, check and inset training materials, establish themed sites and learning units. The units are developed in regards to the specific needs of refugees with examples that fit their experience – their level of knowledge, their level of language, their personal experience and interest. The intention is that UARD will give access to an existing virtual platform that has been created in connection with the National project “Development of electronic forms of distance learning in the University of Agribusiness and rural development”. There are teaching materials on the subject from other national and international projects that have already been elaborated and can be utilized to create the learning material.



About the project

The current newsletter presents the concept of creating the e-learning platform and implementing educational videos as supportive tools into vocational education and training in the field of environmental protection. This is a part of the intellectual outputs created on VIVET project: “Video Supported Vocational Education and Training” within the frame of Erasmus+ Strategic Partnership project (No. 2016-1-DE02-KA202-003465) coordinated by FORUM Berufsbildung – Berlin, Germany. The project objective is to enhance the access to training for both job entrants and professionals by collecting and delivering vocational videos and electronic training materials on different levels in different languages. The strategic partnership of the VIVET project consists of vocational and adult training institutions, higher education institutions and NGOs from Bulgaria, Germany, Italy and Spain, considering their professional expertise. The role of the University of Agribusiness and Rural Development (UARD) in this project is to design a training course in Environmental Protection.

Training features:

Duration: 80 hours / 1 month

Structure: 40 hours of Lessons + 40 hours Self Learning Activities

Level: Intermediate

Scope: 6 courses

Completion: Written examination /test/

Qualification: EQF Level 3

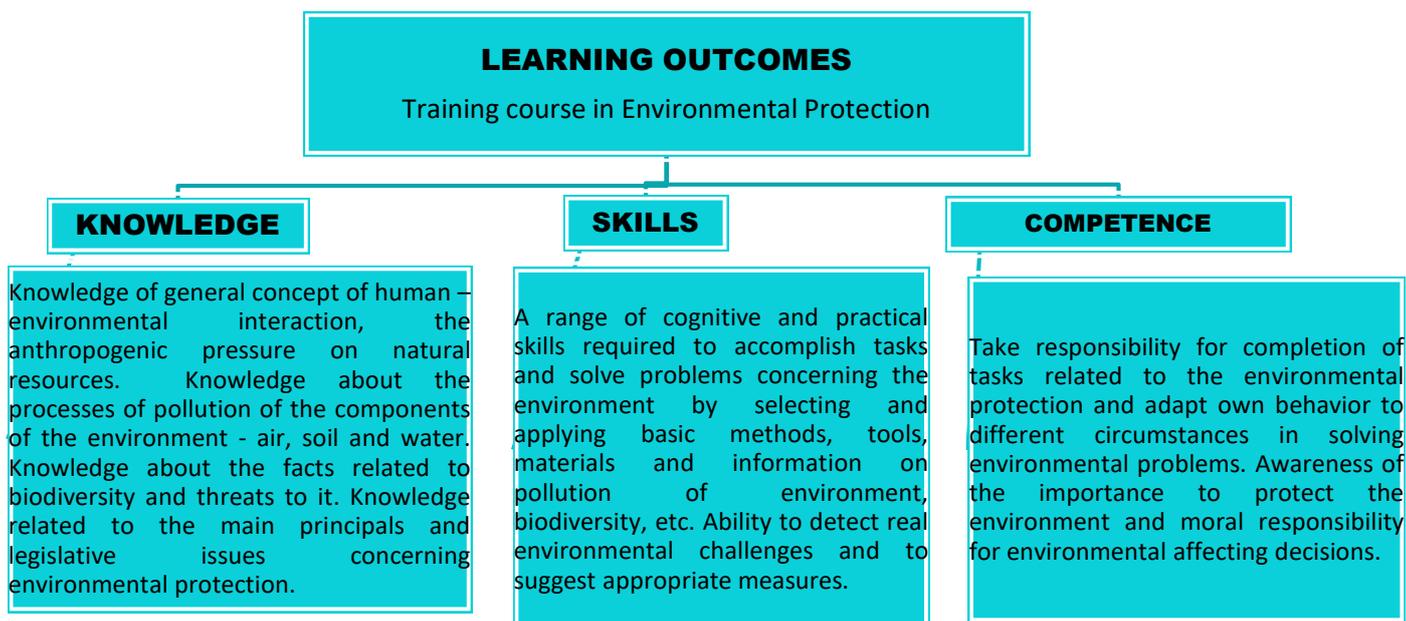
Field: Environment, Ecology, Sustainable Development

The aim of the training in Environmental Protection is to provide an interesting, accessible introduction to environmental issues for students from a variety of backgrounds combining a broad, interdisciplinary approach that provide both natural sciences and human dimensions of environmental issues. The purpose of this course is to provide an interesting, accessible introduction to environmental issues for students from a variety of backgrounds combining a broad, interdisciplinary approach that both natural sciences and human dimensions of environmental issues.

The purpose of the VET in Environmental Protection is to raise young people’s awareness that the environmental neglect will lead to scarcity of resources and general deterioration of their quality of life. Integration of environmental topics into VET is with growing importance. Since the knowledge concerning the environment is with international importance, the development of modules covering environmental issues is with big significance. In the field of water protection, recycling and energy efficiency new skills are needed. Besides, the occupations with environmental focus are gradually recognized by the business organizations. Most of the topics are directly related to business and economic activity, such as reduction of pollution, waste management, energy management and the development of a sustainable agriculture. Other items on the list demand their deeper integration into the educational system, such as better environmental management, information systems and the improvement of environmental awareness.

Training contents: The training consists of 6 courses as follows:

	Topic/ Subject	Duration
1.	Human and Environment	5 hours of Lessons + 5 hours Self Learning Activities)
2.	Biodiversity Protection	5 hours of Lessons + 5 hours Self Learning Activities
3.	Soil Protection	10 hours of Lessons + 10 hours Self Learning Activities
4.	Water Protection	10 hours of Lessons + 10 hours Self Learning Activities
5.	Air Protection	5 hours of Lessons + 5 hours Self Learning Activities
6.	Environmental Policy	5 hours of Lessons + 5 hours Self Learning Activities



The training units are developed in accordance with the European Qualification Framework (EQF) and the respective National Qualification Frameworks (NQF). Learning outcomes described in terms of knowledge, skills and competence are based on the definitions used in the EQF. Learning outcomes reflect overall competence in terms of what a learner knows, understands and is able to do on completion of the learning process.¹

¹ Handbook to acquire key competences for the professional qualification EcoJob-AP“ on European Standards

Target groups - The platform is designed to train young students, unemployed people and refugees. During the second half of the project, in collaboration with refugee organizations, the partner organizations are obliged to inform about the project and the platform and to organize the trainings. The involvement of Interested persons will be based on a selected procedure for: 1/. Teachers; 2/. Professionals and 3/. Refugees. The aim is to create a sustainable infrastructure platform and collaborative network guaranteeing self-assistance within heterogeneous groups, built up with members capable to support each other and to run widely independent training spots. The participants will be actively involved into the further development of the project: They will help to develop and translate learning contents, and they will play an essential role in selecting and evaluating videos and disseminating the project among other refugees.

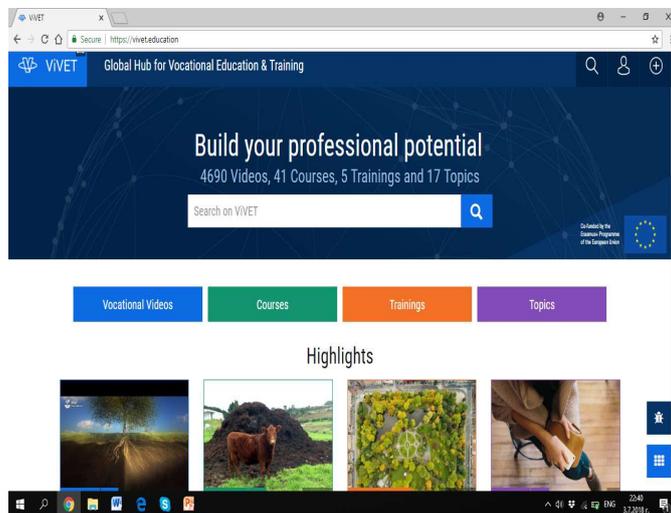
Intellectual outputs – The following intellectual outputs are planned to be implemented at the end of the project:

- ✓ Learning Platform based on a preliminary developed Learning Platform Concept;
- ✓ Quality Assurance Guidelines EREC (Electronic training Resources Evaluation Criteria);
- ✓ Pilot trainings in the **four topics**:
 - Basic Health and Geriatric Care (HC),
 - Organic Agriculture (OA),
 - IT-Capabilities and Cyber Security (CS);
 - **Environmental Protection (EP).**



e-Learning Platform

The learning platform has been developed based on a concept. The developing process of the learning platform is under permanent supervision and documentation in order to be target oriented and to provide the members of the technical team with tangible advice on how to implement the concept. The concept is adapted based on the developments of the internet and the changes suggested by the partners thus it will be revised regularly. All project activities, information about the project's aims and objectives will be permanently published online.



The use of the platform and its videos will be free of charge with easy access for everyone. However by filtering the already existing enormous supply of videos available in the internet VIVET will offer a most necessary pre-selection. The creation of a repository and a platform hosting selected and evaluated videos will form a new training instrument. The project will develop four pilot training curricula of different trade subjects and implement systematically evaluated videos into trade-related training units. These will serve as blue prints for further trades. The training materials and resources for self-study (lectures, videos, images, graphics, additional materials, literature, essays, case studies, essay questions to generate tests, etc.) are uploaded to the Internet-based system for distance e-learning. Communication between the lecturer/tutor and students can be done via synchronous and asynchronous forms of communication: group consultations to students, filling out online forms / tests and exams / real-time forum, email, chat, etc.

Project partners

FORUM Berufsbildung e.V. – Project Coordinator

FORUM Berufsbildung, founded in 1986, is a vocational training institute with 70 employees, 200 lecturers and currently approx. 2000 students. It is conducting numerous regional, national and international VET projects, supported by the German Federal ministry of Education and Research (BMBF), the Federal Agency of work, the Berlin Senate and the German chamber of commerce. Amongst its main areas of expertise are the development and implementation of new learning methodologies, health and nursing, geriatric care, organic food and nutrition and tourism.



Centro Libero Analisi e Ricerca (CLAR)

Centro Libero Analisi e Ricerche (CLAR) is a non profit VET association, operating since 1995, accredited by Marche Region (IT) as recognized provider for compulsory education, lifelong learning, higher education. Its working group currently includes 5 members of staff, whilst its teaching team encompasses more than 30 teachers in different knowledge domains. Since 1998 CLAR has been managing over 70 ESF vocational training courses, with more than 300.000 hours delivered; thereby having gained substantial expertise in the management of activities funded by EC resources.



University of Agribusiness and Rural Development (UARD)

University of Agribusiness and Rural Development (UARD) is an educational institution that offers programs in the field of agribusiness, rural development, tourism, finance, banking, accounting, auditing, marketing, project management, municipality management, etc. Its curriculum includes many specialised study programmes that give knowledge on sustainability issues such as Organic farming, Biodiversity, Agroecology, Protection of population and environment, Rural and Ecological tourism, etc.



APWG European Union Foundation

The APWG is the global coalition whose mission and charter is to unify the global response to cybercrime across industry, government, law enforcement and international diplomatic sectors. With more than 2000 member institutions worldwide, APWG works to resolve common challenges to the responder, technology and security communities which step up to fight cybercrime every day. APWG delivers the data, reporting tools and standards these communities need to engage cybercrime programmatically and, with its conferences, the network extensions so vital to their enterprises.

