



Competence based e-learning in general & health care waste management for new skills development”

Care-Waste



The project “**Competence based e-learning in general & health care waste management for new skills development - CARE-WASTE**” refers to LLP - sub-programme Leonardo da Vinci, measure Transfer of Innovation.

It is based on a previous programme the WASTE-Train project also supported and co finance by EU.

About waste

The creation of waste is as old as mankind. As the centuries have passed, waste has become a problem due to population growth and the increasing consumption of natural resources. If we sum up all kind of wastes, we discover that every one of us produces more than about 3 tons per person each year. Since these are not currently being recycled completely, we create problems by contaminating air, water and soil.



EU policy

In the EU the principle of waste management is that waste generation must be prevented. The European waste prevention programs focus on:

- 1.** The formulation of a new objective for the European waste management policy.
- 2.** The development of indicators to measure the evolution of waste production.
- 3.** The establishment of a European framework for prevention, through, an eco- production policy
- 4.** The rapid adoption of prevention programs by Member States.

European Qualifications Framework (EQF) In Europe there are many different educational and training systems. Because of this diversity, it is often difficult to understand and compare the qualifications from other countries. One way to make the various qualifications transparent, understandable and comparable is to **describe them in terms of learning outcomes**. In EQF (European Qualifications Framework) **Learning outcomes** are defined as statements of what a learner knows, understands and is able to do at the end of a learning process. The EQF classifies learning outcomes into knowledge, skills and competences. **Competence-based qualifications** are a statement that a person is qualified to work in a specific field or occupation. The use of learning outcomes has an impact on a range of education and training practices and policies. Leonardo da Vinci programme (LdV) links policy to practice in the field of Vocational Education and Training (VET).

The proposed project **CARE-WASTE** gives to the individuals the chance to improve their competencies, knowledge and skills in the field of Waste Management. The project responds to the “new skills for new jobs” strategy,



which outlines new demands for learning seeking, for implementation of a system based on learning outcomes and competencies.

By that the project elaboration and the implementation of the gained results will support participants in training and the use of knowledge, skills and qualifications.

Care-waste facilitates personal development, employability and participation in the European labor market

Aims of the project :

- 1.** To transfer and upgrade the WASTE-Train e-program
- 2.** To focus on critical competencies needed for unemployed and job seekers, also trainees, apprentices, employees, as well as for employers, trainers, managers, VET professionals and decision makers in the field of waste management.
- 3.** To assess and upgrade the blended learning program design for improvement with introduction of a modern competence-based management.
- 4.** To provide flexible and transferable Learning Outcomes (LO) based on EQF principles and to create broad multilingual platform (BG, EL, EN, NO, TR) for learning.
- 5.** To define a common model for trainees willing to acquire knowledge in general & health care waste management sector using ECVET principles, necessary for educational authorities.

Projects impact

The Care Waste project creates an excellent ground for implementation of innovation in the following directions:



1. Sectorial

The transfer, upgrade and update of the outcomes of the care-waste project and provision of framework for identification of learning options will offer opportunity to meet employees and organizational needs. The dissemination of the innovative structural training approach will improve the employability at broad sectorial level within partners' states. Also, related sectors like chemical, ecological engineering, environmental protection, biotechnology, and food industry will benefit, since the project aims guarantee the transferability of its deliverables.

2. Geographic

The project's implementation within a majority of partners from South Eastern Europe will give an advantage to the advance of EU labor market in this area and will improve the formation of a new knowledge-based working class. The offer of a multilingual training program will be a smart tool which will allows easier trans-border exchange of workforce among the neighbor countries – BG, EL,TR.

The novel learning and training tool will be used in a broad sense for VET and for illustration of ECVET applications.

3. Other

Besides introduction of a new competence based system for creation of individual learning plans , the implementation of care-waste project results will make them equally accessible for man and woman.

Also, the transfer and use of a systematic procedure for assessment of competencies, will benefit VET trainees, apprentices, national institutions and authorities in regulating the transparency and recognition of qualifications at national/EU level.