

WASTE MANAGEMENT CURRICULA DEVELOPMENT IN PARTNERSHIP WITH PUBLIC AND PRIVATE SECTOR

The WaMPPP – Waste management curricula development in partnership with public and private sector, has to respond to the urgently needed capacity build-up for the growing waste management (WM) industry. This aspect of environment protection is at a low level and the WM experts are scarce. Serbian HE needs to respond and educate/train young people for the sector that will significantly grow as Serbia, candidate for EU, needs to fulfill Chapter 27 requirements.

WAMPPP OBJECTIVES

General objectives:

1. to enhance education and training of current and future workforce in Serbia in the field of WM, thus contributing to capacities of both vocational HE and the growing WM industry
2. to raise the awareness in society about the importance of the overall WM process and its possibilities in the development of society and reduction of poverty.

Specific objectives of project are:

- to develop modern curricula and syllabi, based on real needs for a competent workforce in the WM sector.
- to develop or enhance teaching material in the field of WM for new curricula and modules in both Bachelor and postgraduate study programmes.
- to create opportunities for continuous professional development of employees in the budding WM sector, through realization of relevant training courses.
- to improve cooperation between project partners in order to modernize teaching and training processes on novel technical and technological solutions, exploiting the application of ICT.
- to create a sustainable model of students' industrial placement through partnerships with business entities.
- to conduct campaigns targeted at several levels of society (general, deprived, unemployed), in order to inform on problems of waste generation and opportunities in the WM, industry sector that must grow in Serbia.

PARTNERS IN THE PROJECTS

Higher Education Institutions

- College of Applied Technical Sciences Niš - VTSNIS
- The School of Higher Technical Professional Education in Novi sad - VTSNS
- The college of applied technical science Arandjelovac - CATAR
- The School of Electrical and computer Engineering of Applied Studies - VISER
- College of Vocational Studies - Belgrade Polytechnic - POLYBG
- Technical University of Crete - TUC
- "St. Kliment Ohridski" University Bitola - UKLO
- Faculty of Mechanical Engineering, University of Maribor - FS UM
- Technical University of Ostrava - VSB TUO
- Alexander Technological Education Institute of Thessaloniki - ATEITH

Non academic partners

- Jugo-Impex EER d.o.o. - EER
- PWW d.o.o. Niš - PWW
- Public Health Institute Niš - PHI



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WILL CONTRIBUTE TO IMPROVEMENTS ON MANY DIVERSE ISSUES, SUCH AS:

- systematically and educated Waste management graduates will be provided to the labour market,
- companies in the Waste management field, but also those generating possibly hazardous waste, will be able to hire suitable staff,
- existing employees will have an access to structured training and/or modern training materials (ICT platform and Waste management Network database),
- New portfolio of study programmes, boost the enrolment numbers, improve the staff expertise, expand the lab capacities and hopefully increase income via training/consultancy services outside the Consortium.
- introduction of several novel bi-directional features and benefits in the HE-industry collaboration, outlined in section E.4.
- increasing the awareness on not only Serbian problem of generating too much waste, but also on the imminent growth of the Waste management sector and consequent job creation possibilities.

Development of new and modernisation of existing vocational study programmes and/or subjects in the field of Waste management.

- Capacity building programme for students.
- Development new teaching materials in Waste management.
- Development new model of students industrial placement .
- Creation of trai. courses for professional devel. of employees
- Improved level of applicable professional skills of graduates and postgraduates.



Development of society and reduction of poverty

- Training informal sectors and deprived society groups on Waste management.
- Promote utilizing all available Internet communication channels
- Promote newly developed study programmes through secondary school visit.
- Toraise the awareness in society about the importance of the overall Waste management.

Development of a novel ICT learning platform

- Establish the centres for environmental protection.
- Practical training in Waste management for students.
- Practical training in Waste management for employees in industry.
- ICT portal with a database of Waste management.
- Novel methodological approach in realization of curricula.

