



Application Form

Selection: 2015

KA2 – Cooperation for innovation and the exchange of good practices –Capacity Building in the field of Higher Education

Call for Proposal EAC/A04/2014

Waste management curricula development in partnership with public and private sector / WaMPPP

DETAILEDDESCRIPTION OF THE PROJECT

(To be attached to the eForm)

Version 1 – 1.10.2014

PART D - Quality of the project team and the cooperation arrangements

D.1. Organisations and activities

This part must be completed separately by each organisation participating in the project (applicant and partners).

Partner number		P1
Organisation name & acronym	College of Applied Technical Sciences Niš - VTSNIS	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>The College of Applied Technical Sciences Niš is in the south-east of Serbia, founded in 1976. VTSNIS is a public high educational institution, financing from the budget of the Republic of Serbia and the income from tuition fees. Over the years, it has developed into an educational and professional institution of high reputation with about 20000 graduated students. The VTSNIS offers 6 Bachelor programs in 4 areas (mechanical engineering, environmental protection, road traffic, electrical engineering and construction engineering) and 5 one-year vocational Specialist programs in 4 areas (environmental protection, road traffic, electrical engineering and construction engineering), all accredited by the National HE Accreditation Commission in 2012. The VTSNIS employs 13 professors, 14 lecturers and 10 assistants on full-time basis. The intake is 360 undergraduate and 128 specialist postgraduate students per annum. The main objective of the VTSNIS is to provide the acquisition of the latest scientific and professional knowledge in technical engineering as well as applied skills and competencies required by the labour market. It promotes multidisciplinary and interdisciplinary programmes leading towards the new professions created in the technological era, and incorporates students as partners in the educational process. The VTSNIS was participated in Tempus project no. 158781-TEMPUS-RS-TEMPUS-JPHES successfully finished and still participates in three Tempus projects: no. 517153-TEMPUS-1-2011-1-DETEMPUS-JPGR, no. 517200-TEMPUS-1-2011-1-BETEMPUS and no. 530577-TEMPUS-1-2012-1-RS-TEMPUS-JPCR.</p>		
<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>		
<p>As the Project Applicant, VTSNIS has the greatest role in the project. It will lead the overall management of the project as leading partner for work packages, developing curricula, strengthening the connections with industry.</p> <p>WP1: analyse the existing provision in Serbia and EU, advise on modalities for student placements, lead the whole WP1,</p> <p>WP7: perform overall management of the project</p>		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
Dejan Blagojević, PhD	<p>Professor of vocational studies at VTSNIS and Director of VTSNIS. Obtained Ph.D. in electrical engineering at Faculty of Technical Sciences in Čačak. Worked in VTTNIS 10 years. Published over 100 papers.</p> <p>Vice-president of Conference of Academies for Professional Studies and a member of the Working Group for the Development of the National Qualifications Framework in Serbia.</p> <p>He was among the initiators of the TEMPUS 158781 project and the contact person of the VTSNIS on that project.</p>	
Aleksandra Boričić, PhD	<p>Professor of vocational studies at VTSNIS and Assistant Director of VTSNIS. Obtained the Ph.D. in the field of waste management. Worked in VTTNIS 20 years. Teach the subjects related to technical materials, environmental</p>	

	protection, green energy and waste management. Has a lot of experience in the organization and planning of many workshops related to the structural organization of the education in Serbia and in the process of accreditation of study programmes. Since 2013, a member of Higher Education Reform Expert Team Serbia.
Anica Milošević, PhD	Professor of vocational studies at VTSNIS. She obtained the Ph.D. in the field of alternative energy sources in the function of sustainable development. Her research interest fields are environment protection, renewable energy source and health and safety at work. Author and co-author of over 20 publications. Actively participated in several TEMPUS projects, as well as in the formation and accreditation four environment engineering study programmes at VTSNIS. Served as the Chair of Council of VTSNIS for 3 years. Now the Coordinator for the management of professional practical placement and also in charge of developing the scientific and technical base.
Slavimir Stošović, PhD	Assistant professor at the VTSNIS. Obtained his PhD degree in 2013 at the Faculty of Electronic Engineering. Coordinator of the Samsung Apps Laboratory within which a team of students develops applications for smart phones and smart TVs. He is the author of about 30 research publications published in eminent journals or presented on national and international conferences.
Biljana Milutinović	Teaching assistant in VTSNIS on the subjects: Introductory principles of environmental protection, Thermodynamics, Measurement and control of pollution, Energy and Environment, Waste management. Professional and scientific interests include waste treatment technology, environmental protection, sustainability of waste treatment technology. The author and co-author of number scientific papers. Actively participated in the Tempus 158781_2009 project. Experience in curricula development and accreditation process.

Partner number		P2
Organisation name & acronym	The School of Higher Technical Professional Education in Novi Sad - VTSNS	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>The School of Higher Technical Professional Education in Novi Sad (VTSNS), in the northern Autonomous Province of Vojvodina, was founded in 1959. The VTSNS is public high educational institution, financing from the budget of the Republic of Serbia and the income from tuition fees. Today it is a modern school of vocational studies, with 34 professors/ lecturers and 9 assistants employed on full-time basis, complemented by 14 lecturers and 7 assistants on part-time basis. The VTSNS is amongst the leaders of vocational HE in Serbia, offering 13 three-year Bachelor and 7 one-year vocational Specialist programmes in the areas of engineering, technology and applied art&design. The intake is around 500 undergraduate and 120 specialist postgraduate students per annum. An integral part of the VTSNS is the Institute for protection technologies, which is the primary channel of school's successful collaboration with industry, where the VTSNS is the leader in Serbian vocational HE. Since 2006, the final year students undertake 2-month placement, aiming to make their Bachelor project as practical as possible. The VTSNS was coordinating institution for one regional Tempus project no. 158781 successfully finished.</p>		
<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>		

VTSNS will actively participate in all activities, and, due to the experience in coordinating EU projects, will have a major role in the following activities in WP2 and WP6:

WP2: organize study visits in PR and PA,

- create a WM Network among stakeholders-academic staff and professionals,
- develop teaching/training materials,
- oversee procurement purchase, install and activate suitable equipment,
- develop new syllabi and curricula at partner HEIs in Serbia,

WP6: develop and adopt the quality control mechanisms,

- conduct internal and external QA reviews of all processes and project results in timely manner,
- organize inter project coaching,
- collect and analyse evaluation forms from students and company trainees.

D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project

Please add lines as necessary.

Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>
Branko Savić, PhD	Professor of vocational studies. Obtained PhD in mechanical engineering. Joined VTSNS in 2001. One of the founders of the new study programmes in the areas of graphical engineering and design. From 2007 he was the coordinator for all study programmes in Graphical engineering and design at VTSNS. From 2012 served as Assistant director for publishing and cooperation with industry. Currently Director of the VTSNS. Participated in several scientific projects and published over 100 papers. Actively participated in the Tempus 158781_2009 project.
Matija Sokola, PhD	Professor of vocational studies. Graduated in Serbia and obtained PhD in the UK. Worked in higher education in Serbia (10 years) and UK (12 years), often involved in modernising courses and programmes for undergraduates, postgraduates and LLL students. Served 3 years as the Director of Taught Postgraduate Studies, Department of Mechanical Engineering, University of Bath, leading and managing 7 programmes of MSc studies, with mostly overseas students. Joined VTSNS in 2007. From 2009, coordinator for electrical engineering study programme at VTSNS. Prepared and coordinated the Tempus 158781_2009 project, the first one in Serbia led by a vocational HE.
Anita Petrović Gegić, PhD	Professor of Vocational Studies at VTSNS in Novi Sad from 2007. She obtained PhD in environmental protection from University of Novi Sad. She is a teacher and an active researcher in environmental protection, with over 70 published papers and four textbooks. She has participated in three Projects of Provincial government: Continuous assessment of the Tisa river in the period from 2005 to 2009 (collaborator on the project). The impact of the printing industry in the living and working environment (project leader, duration 2010 to 2014), Evaluation of the impact of human activities on the level of pollution in the city: the presence of xenobiotics in street dust and soil as an indicator of air pollution (collaborator on the project in 2014 - 2015). She was an active contributor on Tempus 158781_2009 project.
Petra Tanović, PhD	Professor of Vocational Studies in VTSNS Obtained B.Sc, MSc. and PhD at the Faculty of Technology, University in Novi Sad. Worked at VTSNS working since 1997, gaining a sizeable teaching experience on study programs: environmental engineering, graphic engineering, graphic design, applied photography. Teach the subjects: Environmental management systems, Soil protection, Waste management, Applied environmental protection, as well as several graphical print-related subjects. The Head of the Graphics department and coordinator of the Graphic Engineering study programme.

Published a number of scientific papers.	
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Partner number		P3
Organisation name & acronym	The college of applied technical science Arandjelovac - CATAR	
D.1.1 - Aims and activities of the organisation		
<p><i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i></p> <p>The CATAR is an independent higher education institution founded in 1960 by State government of Serbia. The CATAR is public high educational institution, financing from the budget of the Republic of Serbia and the income from tuition fees. The CATAR has applied (vocational) studies of first and second levels at 7 study programs (undergraduate and specialist postgraduate) in the field of information technology, environmental protection, management and technological engineering. All of study programs have been recently accredited by the national accreditation body (2012.) The CATAR employs 30 teachers and assistants, 11 administrative workers. The intake is around 700 students per annum. The CATAR in its scope of activities provides higher education process, the science research, expert and consultation services and publishing. The CATAR goal is constant improvement of the quality of the teaching/education process that requires continuous improvement in staffing levels and working conditions. Also close connections with companies aims to contribute to the professional and scientific activity in all segments of the school.</p>		
<p><i>Please describe also the role of your organisation in the project (limit 1000 characters).</i></p> <p>The CATAR will participate in activities and have a major role in the following activities in the WP4:</p> <ul style="list-style-type: none"> -implementation of developed WM modules/subjects/topics into the undergraduate and postgraduate curricula/syllabi, -implementation of developed student internship model, -accredit newly developed vocational programme and modernized programme. 		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
Djordje Mihailović, PhD	Professor of Vocational Studies in CATAR. Obtained Ph.D. at the Faculty of Organizational Sciences, University in Belgrade. Currently the director of The CATAR. Has an extensive expertise in ICT, especially in SCADA systems and Web design. He led accreditation of CATAR and its study programmes, with one programme in Environment protection. He was Project leader in 7 completed projects in collaboration with Czech South Moravia Region (EAR) and Municipality of Arandjelovac, one of which was in domain of waste treatment: "Improvement of communal system in Municipality of Arandjelovac involving modern technology".	
Brankica Luković, PhD	Professor of Vocational Studies in CATAR. Obtained Ph.D. at the Faculty of Sciences, University in Kragujevac. The Head of the Department of the study program environmental protection. She teaches the subjects: Physics, Recycling of radioactive waste materials, Recycling of metal materials and electronic waste, Protection against corrosion, Environmental protection and sustainable development, Basics of Environmental Protection. Her research work has multidisciplinary character (simultaneously correlates physics, mathematics, biology, radioecology and computer science). She is the author of many scientific publications and textbooks.	
Miroslav Marković, PhD	Professor of Vocational Studies in CATAR. Obtained Ph.D. at the Ecole	

	Polytechnique Fédérale de Lausanne. He has been the Project leader in 13 completed projects in collaboration with Swiss industrial partners, in the domain of electric motors, actuators and drives, having managed whole process from the specification definition to the prototyping and testing. He has a participation in two EU-FP7 research projects (www.xnoise.eu , www.nephronplus.eu).
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Partner number		P4
Organisation name & acronym	The School of Electrical and Computer Engineering of Applied Studies - VISER	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>The School of Electrical Engineering and Computer Science of Applied Studies (VISER) is public high educational institution, financing from the budget of the Republic of Serbia and the income from tuition fees. The main activity is 3 year of vocational studies with 180 ECTS (7 different accredited programs) and 1 year of specialized professional with 60 ECTS (5 different programs). Curricula for seven foundation study programs are developed, authorised and accredited, in three- year duration and granting upon their completion 180 ECTS points: Audio and video technologies, Automation and Vehicle Control Systems, Electronics and Telecommunications, E- Business, New EnergyTechnologies, New Computer Technologies, Computer Engineering. Students may continue further education at 6 accredited specialist study programs in one year duration and granting upon theircompletion 60 ECTS points:Multimedia and digital television, Mechatronics, Electronics and Telecommunications, Information Technology, Electric Power Engineering, Security of Information and Communication systems. Graduate students receive bachelor and specialized diplomas. The school has a building with 4000 square meters, 24 different laboratories with top-edge equipment, specializes laboratories, Regional HDTV studio and class rooms with more than 1120 seats. The School of Electrical Engineering and Computer Science of Applied Studies was coordinating institution for one regional Tempus project no.517022 successfully finished in 2014.</p>		
<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>		
<p>The VISER will be active in all activities and have the major role in the following activities in WP3:</p> <ul style="list-style-type: none"> -adopt a novel methodology approach in realization of curricula, -develop the ICT-based platform for the interactive student and employee training and customize it for WM, -develop a portfolio of training courses utilizing the ICT platform and deliver it to employees in various industrial sectors, -establish and promote the ICT portal with a database of all relevant information / guideline / communication channels for all stakeholders in the field of WM. 		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
Vera Petrovic, PhD	<p>Professor of vocational studies at VISER and currently Director of VISER. She is also a Vice president of Conference of the Academy of Professional Studies Serbia. Obtained Ph.D. in electrical engineering at Faculty of Technical Sciences in Čačak. Before entering HE she spent 10 years in industry. Team leader for accreditation and quality assurance in VISER and was the coordinator of the Control department. Led VISER team at EUROBOT, whose students won the National competition in 2005 and participated in the European one. Teaches several subjects in ICT and Controlsystems. Published 9 books, 50 scientific papers. She has strong</p>	

	contacts with the social partners and professional associations.
Ana Savic, PhD	Professor of vocational studies and Head of the International Relations Office in VISER. Received Ph.D. degree at the Faculty of Mathematics in Belgrade in 2007. Developer of educational software (InternetUcenje) for distance learning of Mathematics. Co-author of the book "Business and IT training" published by the Serbian Republic Institute for Labour Market, used as a official handbook for the project of retraining of unemployed in whole Serbia. Research interests in mathematical methods in ICT, project management, distance education and Internet technologies, with over 50 papers and 15 books. Coordinator of TEMPUS projects TEMPUS 517022 (JPCR) and 544108 (JPHE).
Svetlana Strbac - Savic	Lecturer at VISER and Head of department of E- Business. She finished post graduate studies in Faculty of Electrical Engineering, University of Belgrade. Teaching professor at following courses: Engineering Mathematics, Probability and Statistics, Discrete Mathematics and Algorithms, Object oriented programming, C/C++, Java. The author and co-author of several scientific papers.
Ivana Stefanovic	Assistant on practical and laboratory exercises. She has finished specialized professional studies in the year 2014. Currently studying at Faculty of Transport and Traffic Engineering in Belgrade. She Works as assistant from 2010 on practical and laboratory exercises and organizer of student television '10-k'. Experience in TEMPUS projects administration.
Milan Mijalkovic, PhD	Professor of vocational studies at VISER. Obtained Ph.D. in electric engineering at the University of Eastern Sarajevo. Before entering HE he spent 9 years in industry. Currently the President of VISER School Council. As a visiting researcher at Tufts University, Boston, MA, in 2001 and 2002, led a team designing an AC induction motor vector controller for a new electric vehicle. The project was done for General Motors, Torrance, CA. and in 2011 and 2012, designed and implemented an experimental setup containing four mechanically coupled motors controlled from four independent inverters, connected by EtherCat and CAN2.

Partner number		P5
Organisation name & acronym	College of Vocational Studies - Belgrade Polytechnic - POLYBG	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>Belgrade Polytechnic is a public sector Higher Education institution founded as the Higher technical school in 01.07.1959., whose main areas of activity are teaching and research. It has 120 staff members and over 2000 students. POLYBG offers 10 Bachelor and 2 one-year vocational Specialist programs at Department of Technology and the Department of Design in the field of Design, Environmental protection and Occupational Health and Safety. POLYBG has made a very strong relationship and cooperation with organizations and businesses in the region.</p> <p>Since year 2003 POLYBG has established a quality system according to basic settings to SRPS ISO 9001, which ensures that all study programs have the same level of quality and are in compliance in terms of content, planning, implementation, monitoring and evaluation. In accordance with to the Law on Higher Education in Serbia the school was accredited in 2007.</p> <p>The main objective of POLYBG is to educate staff of professional qualifications according to clearly defined industrial, commercial and social needs.</p>		

<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>	
<p>The POLYBG will actively participate in all activities and have the major role in the following activities in the WP5:</p> <ul style="list-style-type: none"> -create the dissemination plan for the project, -establish the centres for environmental protection, -develop, update, maintain and promote project WEB site and ICT portal and expanding the WM database, -continue delivering training courses to industry partners and enterprises, -create various promo materials, android applications and campaigns, -train informal sectors and deprived society groups on WM. 	
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project	
<i>Please add lines as necessary.</i>	
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>
Borivoje Rodić, Ph.D.	Professor of vocational studies at POLYBG in the field of environmental protection and the Director of POLYBG. He teaches courses in the field of Management tools and techniques and Sound and vibration protection. He is author and co-author of several papers and books including Methods and techniques in management. He is the Chair of the Serbian Academy of Professional studies. He was appointed by the Ministry of education and science to the Commission of expert for strategy of higher education.
Marina Stamenović, PhD	Professor of vocational studies at POLYBG of technology and engineering science and Head of Department for recycling technology. Teaches degree courses in recycling technologies and waste management. The special focus of her research is on polymer waste management and the management of solid and hazardous waste. Author and co-author of several articles and books on recycling technologies and waste management and related topics.
Šimon Djarmati, PhD	Professor of vocational studies at POLYBG in the field of environmental protection and Head of Department for Environmental Protection. Teaches degree courses in the field of Hazardous materials treatment, Air pollution and Environmental engineering. He is the member of Board of the Fund for Environmental Protection of Serbia. Published many articles on environmental protection and related topics. Published numerous teaching manuals and books.

Partner number		P6
Organisation name & acronym	Technical University of Crete - TUC	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		

The Technical University of Crete - TUC is an engineering university. It consists of five Schools and numerous Laboratories (Production Engineering and Management School, Mineral Resources Engineering School, Electronic and Computer Engineering School, Environmental Engineering School and Architectural Engineering School). TUC participates to this project through its Management Systems Laboratory, which is a part of the School of Production Engineering and Management. Undergraduate and postgraduate programs of study have a strong interdisciplinary flavour with strong links to advanced computing methods and tools. In addition, ManLab itself is active in information systems and computing with major emphasis placed to supply chain management, total quality management, big data analysis and entrepreneurship. Within Environmental Engineering School there is Toxic and Hazardous Waste Management Laboratory. TUC collaborates with other, private or public universities and companies in offering specialized short courses to engineers. Currently, student enrolment at TUC encompasses 3.500 undergraduate students, 450 postgraduate students, and about 150 doctoral students. Full time faculty includes 131 professors at all levels (Assistant, Associate and Full), 75 engineering / technical staff and 95 administrative staff. The Research Funds Committee supports project administration. TUC ranks very high in R&D project involvement, with funding coming from the participation in EC, National and private sources. Every year numerous students supported via the ERASMUS framework are studying at TUC while the university has also been active in Tempus projects, specially with universities from Serbia in context of Tempus projects such as SCEMIN, GOMES, SIGMUS, INCOMING, RODOS, etc.

Please describe also the role of your organisation in the project (limit 1000 characters).

The TUC will have an active role in all activities and a special/major role in the following:
 WP2: prepare a set of teaching/training materials and entice Central European faculties and companies to join WM Network,
 WP3: Development of ICT learning platform, WM portal and WM database, Co-Chair role;
 WP4: advise on curricula design; deliver a 1-week teaching to PA students on three occasions,
 WP 6: quality control – Co-Chair role.

D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project

Please add lines as necessary.

Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>
Vassilis Moustakis, PhD	Professor at the Technical University of Crete in Operations Management, Director of ManLab and Academic Coordinator at the Open University of Greece. Obtained Ph.D. degree in Engineering from George Washington University. Managed numerous R&D projects and has consulted numerous companies and government agencies in Europe and the USA in his areas of expertise (supply chain management, information systems, and applied economic analysis). Brief CV is available from: http://www.pem.tuc.gr/5041.html and a publications record is available at the internet site http://scholar.google.gr/citations?user=ndZjkvQAAAAJ&hl=en
Nikolaos Bilalis, PhD	Professor at the Technical University of Crete and the Director of the CAD Laboratory. Obtained M.Sc. in Mechanical Engineering Design in Aston University of Birmingham, UK and Ph.D. degree in Production Engineering in Loughborough University, UK. He has participated and managed numerous R&D projects and has worked as a consultant at numerous companies and government agencies in Europe in his areas of expertise (Innovation, Design, Computing in Manufacturing and Training).
Aristomenis Antoniadis, PhD	Professor at the Department of Production Engineering and Management. Obtained PhD degree at the Aristotle University of Thessaloniki. His research interests are in Computing in Manufacturing, CAD/CAM/CAE, Reverse Engineering and Bioengineering. He is the author of 7 books and numerous journal and conference papers. He has managed or

	participated in numerous R&D national and European projects.
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Partner number		P7
Organisation name & acronym	"St. Kliment Ohridski" University Bitola - UKLO	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>The UKLO is the second oldest state University in the FYR of Macedonia and the most important HEI in the south-western region of our country. It is seated in Bitola, but some of its 12 higher-education and scientific-research units (10 faculties, 1 higher vocational school and 1 scientific research institute), which are located in several centres. Since its foundation (1979), UKLO has provided higher education for over 30,000 graduates. Currently operating with about 12,000 students in the three degree programmes and with approximately 2,500 newly enrolled per academic year. UKLO is among the medium-sized, comprehensive universities and offers a range of studies in the area of Technical Sciences, Economics, Biotechnical Sciences and ICT, Tourism, Education, Health Care, Law Studies and Security. In a rapidly changing world, UKLO strives to keep up with the latest trends in the area of internationalization involving bilateral cooperation agreements with renowned universities worldwide, entering relations of cooperation for the purpose of realization of international academic and scientific-research projects, participation in EC-funded programs (TEMPUS, ERASMUS, ERASMUS MUNDUS, CEEPUS, IPA-CBC etc) – all providing grants for student and staff mobility, contributing towards increased visibility of "St. Kliment Ohridski" University – Bitola on the international HEIs map. In the frames of the ERASMUS+ programme, UKLO holds an ERASMUS CHARTER FOR HIGHER EDUCATION: 255200-LA-1-2014-1-MK-E4AKA1-ECHE (Erasmus Code: MK BITOLA01).</p>		
<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>		
<p>The UKLO will have an active role in all activities and a special/major role in the following:</p> <p>WP2: prepare a set of teaching/training materials and entice Central European faculties and companies to join WM Network,</p> <p>WP4: advise on curricula design; deliver a 1-week teaching to PA students on three occasions;</p> <p>WP4 : Co-chair and oversee the delivery to students and the curricula accreditation,</p> <p>WP7: Steering role in overall project management.</p>		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
StojanceNusev, PhD	Dean and Full professor at the Faculty of Technical Sciences. In period 2008-2014 he was in the position Vice Dean for finance. He is a member of the "Macedonian scientific society – Bitola", member of the association for Safety at Work "28. April" – Skopje and member of the chamber of authorized architects and authorized engineers of Macedonia. Participated in several scientific projects and published number of scientific papers.	
Elizabeta Bahtovska, PhD	Full professor at the Faculty of Technical Sciences. In period of 1998-2000 she was in the position of Vice dean for teaching and now is in the position Vice dean for international cooperation. National Bologna promoter for Macedonia since 2005 and Institutional ECTS coordinator since 2004. In period 2005-2013 was senator in University Council. Member of the University council for doctoral studies. Author of 8books in the field Mechanics and Strength of materials and Bologna reforms and over 60 national and international scientific papers. She has participated in number	

	project and coordinated in projects TEMPUSJEP UM_JEP-15058-2000, TEMPUS SCM C006B03-2003 and Tempus IV Project 145165 TEMPUS 2008 SE SMHES (2008-4763). Member of the coordinating working group for the Project financed by the British Embassy in Skopje (2011-2013) "Building the capacity of the Ministry of Education to better enforce recognition of Professional Qualifications in line with EU reforms".
VericaDancevska, PhD	Associate Professor at the Faculty of Technical Sciences. In period 2012-2014 she was Senator in University Council. Now in the position Vice dean for teaching. Participated in several scientific projects and published number scientific papers. Works with students on the first, second, and third cycle. Participant in several project among them is INTERREG III A/CARDS, Greece – FYROM: "Development of a knowledge network of educational and research Institutes active in environmental issues for the development of a common cooperation framework, for the harmonization with EU legislation and know-how transfer", 2007.
Mitko Kostov, PhD	Associate professor at the Faculty of Technical Sciences. In period of 2011-2014 was Head of Department of electrical engineering. Current position Vice dean for finances. The author and co-author of number scientific papers. Participated in several international projects, among them: Introducing Two-Tier Studies in the Field of Metrology, 2006-2008, Tempus Project N° JEP_19010_2004, BASILEUS / Ghent University, 2009, BASILEUS, Development of Regional Interdisciplinary Mechatronic Studies – DRIMS, 2011-2013, Tempus IV Project N° 158644-DE-JPCR, Cross-border collaboration to fight illegal logging and timber trade, 2014, AITOLOS European Cross-border collaboration IPA Grant.

Partner number		P8
Organisation name & acronym	Faculty of Mechanical Engineering, University of Maribor - FS UM	
D.1.1 - Aims and activities of the organisation		
Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).		
<p>The Faculty of Mechanical Engineering at the University of Maribor (FS UM) is an educational and research institution, internationally comparable with similar institutions in Europe and world-wide due to its successful integration of both activities. The FS UM was founded in 1995. Within Faculty there are Institute for power, process and environmental engineering and Laboratory for combustion and Environmental Engineering. The results of treih research activities are directly transferred into the educational process and the training of professional and university graduate and postgraduate engineers. The scientific and professional research and development activities in the field of mechanical, textile and industrial engineering involve: basic and applied scientific research, development research, training of new researchers, international projects, professional work, consulting, analyses and knowledge transfer to the industry. The basic research programme of the Faculty of Mechanical Engineering is a part of the national research programme of the Republic of Slovenia, and also includes research and development work for the industry or external institutions. The laboratories, the centres of basic research, are engaged in applied research projects in cooperation with renowned research institutions from other EU countries. Many products in both the Slovenian and European industries incorporate the achievements of researchers and students. Third and fourth year undergraduate students are given the opportunity to join these research groups. Their research work is one of the measurements for assessing the quality of their study. Such project related work is the best way to make the students aware of the interdisciplinary bonds connecting mechanical engineering with microprocessor technology, electronics, ecology, information science, logistics, biotechnology, some branches of medicine, etc.</p>		
Please describe also the role of your organisation in the project (limit 1000 characters).		

The FS UM will have an active role in all activities and a special/major role in the following:
 WP2: prepare a set of teaching/training materials and entice Central European faculties and companies to join WM Network ; co-chair and oversee WP2 ;
 WP4: advise on curricula design; deliver a 1-week teaching to PA students on three occasions, and WP7 groups,
 WP7: host the Third Consortium meeting, Steer and oversee the overall project management.

D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project

Please add lines as necessary.

Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>
Niko Samec, PhD	Full professor at University of Maribor, Slovenia, dean of the Faculty of Mechanical Engineering. Before entering HEhe spent 2 years in industry. Since 1999 the head of the Laboratory for combustion and environmental engineering. During the period 2007-2015 he was Dean of Faculty of Mechanical engineering in Maribor. He participated in numerous R&D and applied projects in the field of combustion, environmental protection, thermal engineering, waste management, developing waste treatment methods. The author and the co-author of scientific papers in the field of mechanical engineering and technical aspects of environmental protection.
Filip Kokalj, PhD	Senior lecturer at the FS UM and running courses in the field of environmental and combustion. Obtained Ph.D. at the area of the thermal waste treatment. In the period 2000-2010 worked as the co-worker at the Laboratory for combustion and environmental engineering. He was the head of the project and main designer of first Slovenian MSW Waste-to-Energy, the authorized mechanical engineer for the design, responsible management and control of complex objects and a member of the Slovenian, was a member of the project council of waste management in the Drava (Slovenia) and from the external technical consultant and auditor for the Eco Fund, Slovenian Public Fund for Environmental Protection. The author and the co-author of scientific papers in the field of mechanical engineering and environmental protection, more than 300 bibliographic units. In period of 2006 to 2008 was directed or collaborated in a number of projects in the field of environmental protection and energy from the planning phase to the development in Slovenia and abroad. He developed various technology designs for waste management applications.
Aleksandra Lobnik, PhD	Full professor at the FS UM. She has obtained Ph.D. in the field of Analytical Organic Chemistry at Karl FranzensUniversity. Since 2009 she is the Head of Centre of Sensor Technology. Lecturer on the following study programs: Environmental Engineering, Design and textile materials and Textile materials. The focus of her research work is on development of optical chemical and bio- sensors for different applications, especially for personal protection, environmental protection and food safety. The author of more than 32 scientific and professional articles the author of 7 chapters in scientific monograph publications, 3 chapters in professional monograph publication and 5 professional monographs as well 12 patents and 5 patents applications (4 international PCT application). She has published more than 150 articles, conference papers, monographs, book chapters and she holds 8 patents and patent applications. She was leading more than 40 international and domestic projects. Since 2013 member of presidential board SATENE (Slovenian Academic organization for Technical and Natural Sciences) and head of laboratory and Research Group 0795-055.

Partner number		P9
Organisation name & acronym	Technical University of Ostrava–VSB TUO	
D.1.1 - Aims and activities of the organisation		
<p><i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i></p> <p>Department of Power Engineering at VSB TUO provides education on a university level in Bachelor, Master and Doctoral study programmes both in Full – time and Combined form. The department is oriented on the practical application of latest theoretical knowledge in the field of Power Engineering. Two department workplaces fulfil department objectives "Workplace for Diagnostics, Operation of Heat Power Equipment" and "Expert Group of Power Machines". Department of Power Engineering belongs to leading department of the research institute established by the Technical university Ostrava - ENET. ENET is actively involved in R&D activities in the area of engineering, fuel processing, management of energy supply and environmental assessment while the focus is driven on efficient and clean usage of traditional and non-traditional energy resource and their effective transformation to usable energy. Expert teams are currently working on development of compact power units, new technologies of transport, processing, production and accumulation of heat and electricity and also design of a new technological infrastructure. Department of Energy is actively involved in preparation of future graduates of master's and doctoral degree programs, the involvement in ENET provides unique R&D infrastructure to perform continuous intensive recruitment of young researchers, while the coherence of research activities from research of input materials and technological process to the effective and efficient application is the main added value. In last three years participate in several EU projects, among them: FP7- PRACE-3IP- Establishment of HPC ecosystem, Operational Programme Education for Competitiveness (OP VK) – national EU programme- Inter Energy- International cooperation in the area of innovation in energy field, CZ/PL Cíl 3- Alternative energy resources- Bilateral cooperation with the Polish Research Institution in the area of monitoring alternative energy resources used by the regional government in Ostrava and Częstochowe.</p>		
<p><i>Please describe also the role of your organisation in the project (limit 1000 characters).</i></p> <p>The VSB TUO will have an active role in all activities and a special/major role in the following: WP1: analyse the existing provision CZ and neighbouring countries, advise on modalities for student placements, lead/steer the WP1, WP2: prepare a set of teaching/training materials and entice Central European faculties and companies to join WM Network, WP3: provide case studies for ICT based exercises, and information for ICT portal & WM database, WP4: advise on curricula design; deliver a 1-week teaching to PA students on three occasions, host a structured 3-week placement for 15 best PA students.</p>		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
Petr Noskievič, Ph.D.	Full professor at the Faculty of Mechanical Engineering, TUO. Vice-rector for study affairs VSB TUO. Since 2001 he is a professor at the Department of Automatic Control and Instrumentation. In 2007 he was a guarantor of the study programme Mechatronics. Member of the International editorial board of the international journals. Chairperson of the Czech Association of Hydraulics and Pneumatics of the Czech Mechanical Engineering Society. At the VSB TUO he is a member of the board for Final state examination of the Bachelor study programme of the specialisation Applied informatics and Control, the board for Final state examination of the Master study programme of the specialisation Automatic Control and Engineering Informatics, the Board for the Doctoral study programmes No 39-12-9,	

	supervisor of the Ph.D. students, the scientific board of the VSB TUO, Faculty of Mechanical Engineering, TU Liberec, the Czech Technical University in Prague. The author and co-author of number scientific papers and textbooks.
Dagmar Juchelkova, Ph.D.	Head of the department of Energy and a scientific director of Centre ENET. She worked in the fields of waste management, waste incineration, waste disposal, combustion processes emissions. Since 2006 she has been working as a professor at the Department of Energy. She contributed in preparation of new courses and programmes for undergraduates, postgraduates and lifelong learning. Leader and co-worker of various national, international and applied projects. Leader and a co-worker for a lot of projects. Represents the Czech Republic as a member of International Energy Agency. Member of Research Board of the Technological Grant Agency of the Czech Republic and Scientific board of the Faculty of Mechanicalengineering at the TU Ostrava.
Veronika Sassmanová, Ph.D.	Lecturer at the Department of Energy. She finished Ph.D. in the field of thermal engineering and fuel industry. Focus of her research is development in the area of thermochemical conversion technologies for alternative fuels and waste combustion. She has experience in the field of waste management, environmental protection, technical and fundamental analysis of gases, work with chemical materials and chemical analysis, emission limits and environmental standards, preparation of materials, design optimization of technical processes. She cooperates in the projects of the Ministry of Industry and Trade, as well as Ministry Education and Youth and Sports and she cooperates with companies from the practice in the Region.
Ludmila Kubiczková	Since 2012 she works at the Department of Energy at the VSB TUO. She obtained degree in the field of International trade and the quality management, environment and safety at the Faculty of International Relations in Prague. She has 8 years of experience in the industry. In 2011 she started her cooperation with a non-profit organization Institute of Knowledge Development. Member of the Commission of Education and Training in the municipal office in Třinec and worked in preparation of a new interdisciplinary study programme. She participates in educational activities of the Central European Energy Institute. She cooperates closely with the industry and she provides them special trainings.
Pavel Kolat	Professor at the VSB TUO. Currently teaches mainly in the field of nuclear energy and nuclear waste management. He has dealt with the issue of radioactive waste management. He was involved in introducing new courses and programmes for undergraduates, postgraduates and for LLL. He works closely with the industry and he provides them special trainings.
Helena Raclavská, Ph.D.	Full professor at the VSB TUO. Since 2006 she has been working as a professor at the Department of Geology and Mineralogy. She is a head of the department of Geology and Mineralogy and a member of Centre ENET. Her specialisation is in technology and creation of environment. She has experience in the field of incineration of different types of fuels, including waste and biomass with focus on the thermal conversion of waste considering process efficiency and emission reduction. She was working on the preparation for the integration of the Centre ENET into a university-wide research type of study programme Science and Technology in the field of energy in connection with the planned modification of the Universities Act. She works closely with the industry and she provides them special trainings.

Partner number		P10
Organisation name & acronym	Alexander Technological Education Institute of Thessaloniki - ATEITH	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>ATEITH is the second largest Technological Educational Institute of Greece. It comprises 5 schools and 23 Departments offering, in total, over 2000 course modules in Agricultural Technology, Business Administration and Economics, Food Technology and Nutrition, Medical Care etc. A great number of them supported by state of the art laboratory equipment and highly qualified personnel. The mission of ATEITH FD is to provide high level of education to its students in the field of Food Technology where biological, physical, chemical and engineering sciences are used to study the nature of foods, the causes which make them to spoil and the principles of their processing, preservation, storage and distribution. ATEITH FD staff includes 15 professors and associate professors, 9 professors of applications, 12 scientists employed as technical personnel and 3 persons for administration.</p> <p>Research activities are focused on the development and study of specific processes used in food industry and including various divisions, such as the milk processing division, the olive processing and oil production division, the waste, water and wastewater treatment division.</p> <p>The Department has two large labs which are used, for research and teaching: The Research Laboratory for the Physical and Chemical Testing of Foods and the Food Engineering and Processing Pilot Plant equipped by chemical analysis devices such as: AAS, ICP-MS, HPLC, GS-MS.</p> <p>Specific devices related to waste, water and wastewater treatment in DF, including biological reactors (activated sludge, MBR), anaerobic digestion units, sludge stabilization systems.</p> <p>In addition, ATEITH is equipped with devices for the analysis of the quality of water, wastewater and solid waste samples.</p> <p>Various research projects funded by national or EU resources and from private enterprises are related to the development of specialized processes for the treatment of industrial wastewater, solid wastes, excess sludge stabilization and disposal such as „Wastewater Reuse ; Guideline Development Pilot Artificial Recharging Of Aquifers Through Direct Injection And Irrigation For Seawater Intrusion Control Within The Framework Of Integrated And Sustainable Water Management” - LIFE99 ENV/GR/000590 and „Application of physicochemical and ecotoxicological analysis for the assessment of water quality at Prespa lakes”.</p>		
<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>		
<p>The ATEITH will have an active role in all activities and a special/major role in the following:</p> <p>WP2: prepare a set of teaching/training materials and entice Central European faculties and companies to join WM Network,</p> <p>WP4: advise on curricula design; deliver a 1-week teaching to PA students on three occasions,</p> <p>WP 5 – steer the dissemination and exploitation.</p>		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
Maria Papageorgiou, PhD	<p>Chemist, Associate Professor in ATEITH FD and Departmental Coordinator for Erasmus + projects. Obtained Ph.D. in Food Biopolymers at the Cranfield University-United Kingdom.</p> <p>Field of research is recovery of bioactive compounds from effluents of the cereal sector and agro Food Sector. The author and co-author of number scientific papers.</p>	
Petros Samaras, PhD	Chemical Engineer, Professor in ATEITH FD. Obtained Ph.D. at the Aristotel	

	University of Thessaloniki. He participates in research projects and consulting services to industrial plants related to waste, wastewater and water efficient management (collection, treatment and disposal) and nutrients and energy recovery. Design and operation of anaerobic digestion systems of industrial wastes. Author and co-author of many scientific papers in the field of WM.
Efthimios Papastergiadis, PhD	Chemist, Assistant Professor in ATEITH FD. Author and co-author of many scientific papers in the field of WM.

Partner number		P11
Organisation name & acronym	Jugo-Impex EER d.o.o - EER	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>Jugo-Impex E.E.R. is a leading company in the recycling of hazardous and non-hazardous waste in Serbia. EER was founded in 1994 and since then continuously tries to improve their impact on society. EER employs about 150 workers. Company recycles more than 10.000 tones per year of waste of electrical and electronic equipment (WEEE) and has 70 different collection points. Licensed for the collection, transport, storage and treatment of WEEE. Have the permission for the collection and treatment of hazardous waste and the necessary permits for the ADR transport. The main activity of EER is to recycle WEEE. Components of electric devices recycled in company include heavy metals such as iron, aluminum, copper and also hazardous substances. Recycling plant is based on innovative technology ensuring safe extraction of hazardous substances from cooling appliances. Treatment of cooling devices and other WEEE is done with separation by hazardous and non-hazardous components, as well as the separation by light from heavy metals and plastics. MEWA plant shredder QZ2000 and freon recovery plant from polyurethane foam with a fine dust filter and the addition recycling PUR - foam. Has the ISO 9001 and ISO 14001 certificates and CE mark for the complete plant as a part of the TUV standardization.</p>		
<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>		
<p>EER will contribute to all project activities, with strong roles in:</p> <p>WP1 – surveys, defining WM knowledge, skills and competences, defining the placement models;</p> <p>WP2 - helping in the creation of a curricula for the master and specialization vocational studies with their experience in the WM,</p> <p>WP 4 - provide positions for student placements participate in their Final projects, participate in delivering courses for both students and employees.</p> <p>WP 5 – steer the dissemination and exploitation.</p>		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
Vujadin Ščekić	<p>Owner of EER. He founded his own business starting trade non-ferrous metals. Not long after that company was actively engaged in recycling non-ferrous metals. Throughout the years, from a small business it grew into a large company that employs 150 people, thanks to a gradual growth and constant development. His hard work and expertise in the field of metallurgy with experience of 30 years is constantly built in his business environment, modern technology and skilled employees. Apart from expertise in metal trading and processing, has an outstanding knowledge</p>	

	and experience in the area of waste management and recycling processes.
Ninoslav Milenković	Currently employed as the General Manager of EER, responsible for the overall business in EER. Holds the Masters' Degree in Economics, and has over 9 years of work experience including the repurchase and recycling of waste materials, processing and transport of coloured metals, projecting and trade of heating and air conditioning equipment.
Marija Micaković	Currently employed as the Operational Manager of EER. Has over 15 years of work experience, in the IT sector as a product manager, project manager and sales manager. Participated in the education of deprived society groups and in the implementation of EU directives and strategies related to WM.

Partner number		P12
Organisation name & acronym	PWW d.o.o Niš - PWW	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
<p>PWW was founded in 2005 as a daughter company of PORR Umwelttechnik GmbH, which main activity are: the collection and transportation of waste, engineering, consulting and laboratory services in the field of waste management, selection and treatment of waste, restoration and remediation of landfills and dumps. On the territory of Serbia PWW appearances as a strategic partner cities and municipalities in the field of complete waste management, rehabilitation and re-cultivation of the existing sanitary landfills and dumps in the construction and management of new regional sanitary landfills, recycling centers and transfer stations. PWW has the contracts signed with 14 cities and municipalities and services over 600,000 inhabitants in Leskovac, Medvedja, Lebane, Crna Trava, Bojnik, Vladicin Han, Prokuplje, Žitorađa Jagodina, Čuprija, Smederevska Palanka and Velika Plana. PWW employs over 600 workers. PWW has built two sanitary landfills in Leskovac and Jagodina and one transfer station in Smederevska Palanka. Within sanitary landfills there are material recovery facilities. PWW in Serbia has developed a model of public-private partnerships (PPP), which includes the establishment of a joint company for the collection and transport of waste by PWW companies and local authorities. Within the part of the treatment and disposal of waste, PWW performs financing the construction and then manage facilities treatment and disposal of waste (regional sanitary landfills, material recovery facility, composting facility, etc.) during the contract period of 25 years. Local government provides land with the necessary infrastructure and necessary permits.</p>		
<i>Please describe also the role of your organisation in the project (limit 1000 characters).</i>		
<p>PWW will contribute to all project activities, with strong roles in:</p> <p>WP1 – surveys, defining WM knowledge, skills and competences, defining the placement models;</p> <p>WP2 - helping in the creation of a curricula for the master and specialization vocational studies with their experience in the WM,</p> <p>WP 4 - provide positions for student placements, participate in their Final projects, participate in delivering courses for both students and employees.</p> <p>WP 6 – steer the quality control.</p>		
D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project		
<i>Please add lines as necessary.</i>		
Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>	
Benedikt Haslinger	Works at PORR Umwelttechnik GmbH for 8 years in different associated companies mostly on the waste management. Currently he is working as Managing director of PWW Holding Vienna and the seven Serbian daughter companies responsible for collecting municipal solid waste in central and	

	south Serbia of aprox. 500 000 inhabitants, operation and extension of two municipal waste landfills, two recycling centres and landfilling and treatment of hazardous and non hazardous industrial waste.
Slobodan Cvetković	Director of PWW with 20 years of experience in the field of waste management. He is Deputy president of Serbian National Association for Waste Management "Hrabri čistač", which works under the patronage of FEAD the European Federation of waste management industry and Federation of the German Waste, Water and Raw Materials Management Industry.
Vladica Čudić	Coordinator for the market, technical and regulatory support in PWW with more than 20 years of working experience in the field of waste analysis, final report with characterization of waste, developing methods, waste classification, waste management, professional services in the area of monitoring the monitoring processes in organizational units for treatment and disposal, professional services in the management of waste, special waste streams. Member of number professional bodies: open-ended working group for Basel Convention for Serbia, Commission for Characterization of Waste in Federal Institution for Standardization, Commission for Waste Management in Federal Institution for Standardization, Centre of Excellence on Solid Waste Management, Okoyama University, Japan, Committee for environment protection and sustainable development of the Serbian Chamber of Commerce, Council for the recycling industry of the Serbian Chamber of Commerce, Serbian Solid Waste Association SeSWA etc. Expert of the Ministry for Environment Protection of Republic of Serbia for transboundary movements of hazardous and non-hazardous wastes, developing waste management regulations and developing regulations for authorization institutions for waste classification and analyses of the waste. Author and co-author of 28 publications in the field of waste management.

Partner number		P13
Organisation name & acronym	Public Health Institute Niš - PHI	
D.1.1 - Aims and activities of the organisation		
<i>Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</i>		
Public Health Institute (PHI) Niš was founded in 1900and is the oldest preventive health care institution in the Balkans. As part of network of public health institutes in Serbia, research institution and educational base of Medical faculty University Nis for undergraduates and postgraduates, PHI provides services in the following areas: Microbiology with Parasitology and Virology, Epidemiology, Hygiene with human ecology , Medical informatics and biostatistics, analysis, planning and organization of health care and Health Promotion. The Institute has received the TUV SUD quality system certificate (register No 12 100 39069 TMS) and the ISO 9001:2008 certificate, and Center of Hygiene and human ecology of the Institute fulfills the requirements SRPS ISO-IEC 17025:2006 (accreditation certificate No 01-142). The Public Health Institute Niš strongly collaborates and is responsible for quality of 30 Serbian health facilities. With help of EU funded projects Treatment of Healthcare Waste, the Institute is performing healthcare waste management activities in accordance with the EU legislation and best practice guidelines. Also consulting, training, knowledge transfer and other forms of support for staff and local community involved in the medical waste management system have been provided. The PHI has 206 employees, among them 170 healthcare professionals (65 medical doctors).These high-qualified employees (29 Ph.D., 11 M.Sc. and 60 medical specialists) have been actively involved in the professional		

education and practice of all healthcare professionals. They are the authors of numerous scientific and professional publications and very active in the organization of different forms of continued medical education, also in the field of medical waste management. The scientific meeting “Days of preventive medicine” has been lasting for 48 years and passed a long way from a symposium up to the International congress, the only one of this kind in the Balkans. 26 employees of the Institute are lecturers on the Faculty of Medicine University of Niš and they were included in the curriculum development projects of different subjects, also for the basic professional studies for the title of sanitary ecological engineer (B.Sc.).

Please describe also the role of your organisation in the project (limit 1000 characters).

PHI will contribute to all project activities, with strong roles in:

WP1 – surveys, defining WM knowledge, skills and competences, defining the placement models;

WP2 - helping in the creation of a curricula for the master and specialization vocational studies with their experience in the WM,

WP 4 - provide positions for student placements, participate in their Final projects, participate in delivering courses for both students and employees.

WP 5 – steer the dissemination and exploitation, advise on laboratories in P1,P2,P3.

D.1.2 - Operational capacity: Skills and expertise of key staff involved in the project

Please add lines as necessary.

Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of srecent publications related to the domain of the project.</i>
Maja Nikolić, MD, PhD	Specialist in hygiene and subspecialist in health education, Currently director for educational activities and scientific research at PHI Niš with responsibilities for project management and international collaboration. She also coordinated a WUS foundation project 8093-01-2005, participated in an EU funded project obtained by University of Belgrade, as well as the Fogarty project 2D43 TW 000641. She trained at the University La Sapienza, Roma 2001/02 for the purpose of one-year postgraduate education, as well as at College of Europe, Brugge (Belgium). She is also associate professor at School of Medicine, University of Nis, Serbia and author of more than 100 scientific and professional papers in the field of preventive medicine and several books.
Roberta Marković, MD, PhD	Specialist in social medicine. Obtained MSc in health management from “La Sapienza” University, Rome and PhD in social medicine from University of Niš, Serbia. In her previous post as director for quality in PHI Niš, she had the continuing responsibility for receiving the quality system certificate from TUV SUD and the ISO 9001:2008. As coordinator for quality in health care system, she has been supervising about 30 health care facilities in Nišava and Toplica district (South East Serbia). She took part in several projects of Serbian Ministry of Health (as development “Training in Health Service Management” curricula). She was engaged as part-time lecturer for basic professional level studies at the School of Medicine, University of Niš for the subjects: Quality in health and Management in health.
Aleksandra Stanković, MD, PhD	Specialist in hygiene and subspecialist in medical informatics. Works in environmental health practice at PHI Niš. Research interests are focused on air pollution and medical waste management, with 20 publications. She also has 15 years experience as a lecturer at the School of Medicine, University of Niš and holds associate professor. Was active in curriculum development of subjects for sanitary-ecological engineering (Bachelor): Medical ecology, Health risk assessment and Hygiene of school and working environment. She was lecturer of many continuous medical education for healthcare staff and participant of two scientific projects supported by the Ministry of Education and Science of Serbia (No 43014 and No 42008)

Zoran Milošević, MD, PhD	<p>Specialist in social medicine and medical statistics and informatics. Serves as the Head of Center for informatics and biostatistics in healthcare at the PHI Niš. Was the general Director in PHI Niš for four years. In 2005 he became assistant professor of medical informatics and statistics and covered the teaching activities at School of Medicine, University of Nis, Serbia for all study levels. He is author of more than 50 scientific and professional papers and five books for students. He was engaged many years in the organization of the traditional international scientific meeting Days of preventive medicine, organized by the Institute of Public Health, Niš. As a consultant, he was engaged in consultant bodies and several Serbian Ministry of Health projects.</p>
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List of Associated Partners

(Where applicable)

*These organisations may provide the consortium with facilities or assistance that enhances the quality of work, but they cannot be responsible for core activities of the project (e.g. management, coordination, monitoring, leader of a work group etc.). **No financial contribution from the project grant will be allocated to these organisations.***

Ref.nr	Name of organisation	Type of institution	City	Country	Role in the project

Please insert rows as necessary

D.2. Cooperation arrangements, management and communication

This part must only be completed once by the applicant.

D.2.1 - Project management

Please define the organisation of the implementation of the project and the division of tasks between the partners. Please explain the allocation of resources for each activity. Explain also how the tasks are distributed amongst the partners and how project "ownership" is ensured (limit 3000 characters).

All WaMPPP partners actively participate in all activities, but their contribution to Work Packages differ in both volume and specific roles. We have tried to optimally match the specific expertise and existing capacity of each partner against their interests and benefits expected from the project outcomes. Hence the management tasks are distributed in a similar way.

P1 to P5 have a greater volume of overall work and will lead the management of every WorkPackage via selected Chairs of WorkGroups (WGs) and other WaMPPP bodies, as explained below.

EU partners P6 to P10 are experienced in management of various project types. So they have multiple roles: steering, advising, monitoring, producing Rulebooks, etc. They nominate Co-Chairs of WGs and other WaMPPP bodies, see below.

Industrial partners P11 to P13 participate to a lesser extent as Steering Chairs, see below.

Project management will be performed at four levels.

On the TOP level, the WaMPPP Consortium will provide strategic project management and ensure that the project is progressing according to the workplan. In case of problems, unexpected obstacles or subjective delays, the Consortium will decide on efficient course of action and eventual amendments of the project plan, in order to continue the timely project execution.

The WaMPPP Consortium will consist of contact persons of all thirteen partners, plus the Grant Holder and a Consortium Secretary from P1. The Consortium will be formed at the 1st Consortium (Kick-off) Meeting (autumn 2015). It will name the Chairs and Co-chairs for the seven WaMPPP bodies as well as three Steering Chairs, thus forming the SECOND level of project management.

The Chairs of these bodies will be from P1 to P5 whereas the Co-Chairs will be from P6 to P10 and Steering Chairs from P11 to P13, selected for their expertise and interests as follows:

WG1: Chair P1, Co-chair P9.

WP2: Chair P2, Co-chair P8.

WP3: Chair P4, Co-chair P6.

WP4: Chair P3, Co-chair P7.

Dissemination&Exploitation Committee: Chair P5, Co-chair P10, Steering Chair P11, P13.

Quality Committee: Chair P2, Co-chair P6, Steering Chair P12.

Just below the top level, to provide tactical guidance and operative decision-making, the WaMPPP National Board is the sub-assembly of the Consortium, formed from representatives of Serbian Partners. Its Chair is the Project Coordinator P1, who reports to two Steering Chairs (P7,P8). The National Board will meet in person (in full or reduced congregation, as necessary) every quarter or more frequently if needed.

Allocation of resources for each overall activity is planned as follows:

WP1: Each partner commits staff to gather information and compile the 6 reports. Serbian partners meet to define the industrial placements mode.

WP2: Serbian partners go to study visits and devote staff to develop teaching/training material. P1 to P5 receive and activate the equipment.

WP3: P1 to P5 get the computer lecture room for interactive ICT-based learning platform. P1 hosts the WM-related portal.

WP4: P1 to P5 form the internal teams to accredit the curricula. P11 to P13 host the industrial student placements and define the Master projects.

Diss&Expl Committee: All partners develop local WaMPPP Websites, P1 hosts the central one. P1 to P5 form the labs and start offering WM training to industry.

Quality Committee: Staff of P1,P2,P3,P6,P9,P10,P12 produce QA plans, manuals and reports.

National Board: Staff of Serbian partners involved in a continuous management and support of the project. P7,P8 supervise and steer.

D.2.2 - Cooperation and communication arrangements of the consortium

Please explain the overall project and partnership management making specific reference to the management plan and how decisions will be taken. Please describe how permanent and effective communication and reporting will be ensured as well as the measures put in place for conflict resolution (limit 2000 characters).

The top two management levels are explained above.

On the third level, effective coordination work of the Grant applicant is crucial for project success. Hence P1 will form the central WaMPPP management team, responsible for smooth and efficient project management, destined to:

- facilitate continuous communication of key persons of all partners and WaMPPP bodies;
- provide the central accounting/financial support, advise partners' finance staff on rules and keep an eye on adherence to the planned budget;
- prepare, conduct and follow-up the meetings of Consortium and other WaMPPP bodies;
- prepare/publish reports;
- lead the equipment procurement, etc.

On the fourth level, WG Chairs and Co-Chairs will ensure smooth and timely running of activities within

their WGs. They will designate "outcome managers" to form/lead specific task teams (selected experts with a converging or complementary expertise) and observe them regarding the achieved milestones. For day-to-day decision-making, WG chairs will be able to seek guidance from the Grant applicant and WaMPPP management team.

Continuous communication on all levels will be facilitated by a combination of live face-to-face discussions (WG meetings, Board meetings, task teams' meetings), SKYPE, telephone conversation, electronic communication and project Website. The central project Website will serve as an information hub for all partners.

SOLVING PROBLEMS:

The size of WaMPPP Consortium, multi-layered nature of the project, occasional unavailability of key staff (busy periods of academic year are mis-timed), and many other factors might cause delays in progress of certain activities. We expect this and will put in place mechanisms to ensure that the project follows the plan as close as possible. Firstly, dissemination of WaMPPP goals, objectives and milestones will be conducted internally at every Partner. Guidebook on progress monitoring will be formed.

If a particular delay looks to start delaying/jeopardizing other activities, WG Chairs will try to push things along and perform minor task re-allocation. If that is not possible, WG Chairs will take it upwards to the Coordinator for settling the issue. Finally, on the top level, the Consortium has the power to vote on re-assignment of tasks and corresponding re-allocation of budget.

PART E - Project characteristics and relevance

E.1. Why does the consortium wish to undertake this project?

Please outline the motivation behind your project, clearly identifying the specific needs or problem/s which it intends to solve. Explain how the project proposal fits within the development strategies of the Partner Countries involved and how it addresses the priorities defined at national / regional level. Also explain why this/these problem/s were selected instead of others. In particular, explain how the area of intervention has been explored to guarantee that the project is offering something new compared to the existing situation. Where applicable, explain any synergy with other EU initiatives should be highlighted (limit 5000 characters).

Waste management (WM) is an important dimension of environment protection (EP). According to the Waste Framework Directive 2008/98/EC, WM strategies must aim primarily to prevent the generation of waste. If generated, waste should be reused, recycled, recovered or used as an energy source. As a final resort, waste should be disposed of safely by incineration or in landfills.

In Serbia, WM began to attract attention only after the adoption of the Law on waste management in 2009 (Official Gazette of RS 36/09), harmonized with EU regulations. Serbia annually generated estimated 2,200,000 tonnes of municipal waste, with less than 60% of population covered by organized waste collection. The Serbian National Waste Management Strategy 2010-2019, aligned with EU strategic path, is adopted, but progress so far is negligible. Almost the entire Serbian waste is disposed of in 164 landfill sites (7 are sanitary). There are several micro plants for composting, a dozen anaerobic digestion facilities but not a single plant for waste incineration. The "Group for the recycling waste and scrap metal" has only 63 members. Hundreds of operators obtained WM permits, but majority is interested in a quick profit, gained in collection, transport, coarse separation of expensive materials and export. Over 460,000 tonnes of hazardous waste is produced by IPPC installations (185 so far and rising) but there are only 7 accredited institutions for examination of hazardous waste.

In October 2014, EU released the Key findings of the Progress Report on Serbia (COM(2014)700), including the scan of the environmental situation (Chapter 27). According to it, Serbia has made little or no progress in various aspects of environment and climate change. Inspection and enforcement of waste legislation must be enhanced in order to converge towards full alignment with the Waste Framework Directive. Collection of household waste increased to 78-80%, but too much waste still ends up in landfills (some are non-compliant) and other forms of WM need to be developed urgently. Despite IPA projects in this area, situation is not improving.

One of the negative factors is a low number of WM experts, who will be a pillar of the expansion that must happen in recycling, landfill management, etc. This growth will open many job positions in the local government, WM companies and other industries. The contribution of HE to the education/training in the field of WM is insufficient and calls for an urgent reaction, to build up capacities and match both short-term and long-term needs for WM experts. Although many environment-related study programmes have subjects on recycling, wastewater treatment and/or overall waste management, there isn't a single accredited study programme in WM. In the vocational education sector, 12 state-founded Schools have Bachelor and/or Specialist (4th Year) study programmes in environment protection, on which WM is covered within up to three subjects. Many serious companies active in WM do train their employees on various issues, but the content is often focused only on the specific workplace activities and the waste they encounter. There isn't any guidance/agreement on the desirable set of WM skills and competences of workers.

The WaMPPP Consortium consists of:

- 5 Higher Technical Vocational Schools from Serbia, all founded by state between 1959 and 1976,
- 5 Universities from 4 programme countries, with very strong track records and modernized curricula in environment engineering and waste management, and
- 3 Serbian companies, the leaders of different WM aspects in the southern Serbia.

WaMPPP members wish to improve the current provision in WM education and training, by developing/modernizing programmes for current and future Serbian workforce. We also want to introduce WM subjects and even single lectures to many existing UG/PG study programmes in other

engineering/technology areas, as we believe that applicable knowledge/awareness on WM issues can help all graduates to be more successful in their first job. A new WM network will be set up and shall involve academic staff and professionals from a wide range of interested stakeholders. The teaching material developed for students will be customized for training of employees of industrial Partners (11,12,13) and to other interested companies and entities. Learning of both students and employees will be enhanced by utilization of an interactive ICT-based platform, access to which will be fully open to the public. An Android application on WM will be designed and created, thus helping to raise the awareness on importance of WM in a wider society.

In the opposite direction, this project will strengthen the Serbian HE Partners through:

- improved positioning in both educational and labour markets by widening the spectra of accredited programmes,
- increased number of produced quickly employable graduates,
- augmentation of staff expertise (teaching and lab assistants in particular),
- expansion of HE-industry links in both volume and diversity of bi-directional cooperation,
- formation/modernisation of laboratory facilities to support practical student skills and expand consultancy possibilities.

These outcomes are well aligned with the medium-term development plans of each School.

The industrial partners will benefit from hiring suitably qualified and competent graduates, increased competences of their staff and an easy access to laboratory facilities in HEIs.

WM is interlinked with a number of challenges in the long-term sustainable development of Europe. The results of this project may overspill to a number of other European far-looking strategies and initiatives, such as:

- 2020 Climate and Energy Package, via “waste to energy” technologies,
- Roadmap to a Resource Efficient Europe (SEC 2011/1068)
- 2020 Strategy for smart, sustainable and inclusive growth.

Please describe briefly how your project proposal was prepared (e.g., capitalising on previous experiences, based on achieved outcomes in former projects, following previous cooperation amongst the consortium members, etc.) (limit 1000 characters).

By providing education in environment protection (contacts with industry and our alumni), we are aware of the poor WM situation in Serbia. We see the gap in education and training resulting in the lack of experts in WM. We considered developing WM study programmes but our resources are somewhat limited.

The introduction of the Vocational master in September 2014 will enable us to offer new second-cycle programmes with 300 ESPB.

P6 to P13 will shape curricula and syllabi for WM experts (UG and PG) to be aligned with usual EU requirements. This will help us to accredit internationally recognized and hence more attractive study programmes.

We are capitalizing on the experience gained through a number of TEMPUS projects:

- P1, P2 and P9 obtained and successfully completed the 158781 project, the first ever to be led by a Serbian Vocational HE School.
- P2 is the main Serbian partner in TEMPUS 517200, as well as a partner on 517153 and 530577.
- P4 is leading 517022 and 544108.
- P6 to P10 participated or led hundreds of EU/National projects, research and educational alike.

We are also capitalizing on fruitful and long-standing cooperation of P1 with industrial partners P11,P12,P13.

If your proposal is based on the results of one or more previous projects / networks, please provide precise references to this / these project(s) / network(s) in the table below.

Reference number	
------------------	--

Project dates (year started and completed)		Programme or initiative	
Title of the project			
Coordinating organisation			
Website	http://		
Password / login if necessary for website			
Please summarise the project outcomes and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (limit 1000 characters).			

Please copy and paste tables as necessary.

E.2. Rationale for the setting-up of the consortium

Please explain why the selected partners are best suited to participate in this European project. Describe innovative and or complementary skills, expertise and competences within the consortium directly relating to the planned project activities. If associated partners are involved, please explain their role in the project and the added value to the consortium (limit 3000 characters).

Partners P1 to P5 are Schools of Higher Technical Vocational Education from Serbia. P1,P2,P3,P5 offer Bachelor programmes in environment protection (EP) and P1, P2 also offer the 4th year PG Specialist programme. Founded by the State, we have educated engineers & technologists for decades. Apart from P4, we have staff qualified in EP (including WM) and we recognize the need for educating engineers on WM issues, in line with Serbia's EU integration path.

P1,P2,P4 have experience in EU projects (TEMPUS) for capacity building and curricula development. We have cooperated for decades in many modalities – exchanging staff, organizing Conferences and Workshops, exchanging the expertise in novel teaching methods, etc. We battled together through ever-stricter accreditations in 2007 and 2012, always a year ahead of Universities. Four of our senior staff are members of national bodies (HERE team, NQF Committee, KASSS), representing the Vocational HE Schools. We recognize the necessity for developing close partnerships with large enterprises and other possible employers in our respective regions of Serbia, often adjusting curricula for the needs of particular industry sectors.

In a nutshell, we know each others' strengths and weaknesses very well. We want to grow together as education providers in the fields of EP and WM.

Partners P6 to P10 are Universities from program countries, with Departments and study programmes in EP and/or WM. They have renowned environment experts, but also a substantial experience in curricula development, learning outcomes, graduates' competences and accreditation. They are familiar with HE reforms and remaining challenges in the Serbian HE system, having been involved in TEMPUS projects conducted in Serbia.

P6 has high-level experts and excellent laboratories, including those for management systems and toxic/hazardous waste. P7 is a university with a Vocational Bachelor programme in environment protection. Research in P8 focuses on thermal treatment of waste and on soil remediation. P9 is a research-driven University whose Department of Power Engineering has strengths in utilization of new technologies for efficient waste to energy usage. It benefited from 24 TEMPUS programmes in the Nineties and is now passing on that expertise to the partner countries. They have sizeable experience in delivering training to industry and municipal authorities. The Food Department of P10 has two extensive labs with high-sensitivity devices for food analysis/contamination, also used for checking the quality of water, wastewater and solid waste samples. Their staff will share their analytical expertise and experience in establishing the Labs for EP at P1,P2,P3.

Partners P11,P12,P13 are public and private companies active in WM. P11 is the leader in electrical/electronic waste recycling. P12 performs collection, transport and waste disposal, owning two

sanitary landfills and one waste transfer station. P13 is the oldest preventive health care medical institution in the Balkans. Its labs examine samples from environment (water, air, etc.) and other products, focusing on risks to human health.

Despite an ample experience, they need graduates qualified in WM. Drawing from their experiences and needs, they will help us to define required profiles (knowledge, skills and competencies) of WM experts. They will participate in student training and provide student placements. In the opposite direction, they will benefit from tailored staff training.

E.3. European added value

Please describe the benefits of and need for European cooperation. Please describe also why the results cannot be achieved through national, regional or local funding (limit 1000 characters).

Partners P1 to P5 already have capacities for delivering high-quality UG/PG courses in various engineering and technology disciplines. The proposed WaMPPP project will pass the know-how of programme country Partners P6 to P10 in WM field to teaching staff, young assistants, lab staff and students. This is especially true in knowledge about best available practices, EU legislation, practical laboratory skills and consequent harmonization with EU curricula.

With the expertise of EU partners, the new curricula will be aligned with EU ones and thus secure that obtained degrees are fully recognized in European job market, as well as in the European Higher Education Area (EHEA).

This should also enable our UG and PG students to participate in various credit-bearing mobility schemes. We also hope that these results will open the vertical mobility of vocational stream of HE for the best vocational Master students to progress to doctoral studies in Serbia and/or EU.

The results of the project would be extremely difficult to achieve without EU funds, especially in terms of equipment and knowledge transfer from renowned lecturers of P6-P10 to newly enrolled students.

E.4. Innovative character

Indicate what the project is offering that is new and what are the main innovating elements (limit 2000 characters).

WaMPPP brings innovation in many diverse aspects:

- developing and accrediting programs on long-awaited Vocational Master programmes, legislatively introduced in September 2014, but the accreditation standards have not been released as of February 2015,
- as far as we know, the proposed programmes will be the first accredited UG/PG study programmes in WM field in Serbia, filling the requirement for WM experts in the labour market that will increase in the future years,
- active participation of both WM industrial representatives and EU-based educators in defining learning outcomes of two UG/PG study programmes streams:
 - a) knowledge, skills and competences of WM experts for recycling, thermal treatments, anaerobic digestion, composting as well as examination and treatment of hazardous waste,
 - b) knowledge, skills and competences on WM issues that other engineering/technology UG/PG graduates need to acquire, in relation with their industry (electric, mechanical, graphic, transport/logistic, road building, construction, fire prevention, etc.)
- active involvement of WM experts from industrial partners in the delivery of teaching at several Vocational HEIs,
- election of suitably qualified industrial WM experts into practical teaching titles at HEIs, as allowed from 2014, thus strengthening the HE-industry links in a new dimension,
- introduction of a novel interactive ICT platform for staff, student and workers' training and preparation of real-life WM case studies,
- WM industrial experts will be assuming key roles in prescribing and shaping tailored training for different categories of their own employees,
- vocational HEIs and industrial partners will jointly define the students' internship model on UG and PG

programmes, which is motivated by the new requirement that Master Project work must be done on a practical industrial problem,
- for the first time in Serbia, there will be mandatory participation of industrial WM experts in every Master dissertation viva committee.

PART F - Quality of the project design and implementation

F.1. Aims and objectives

Please define the concrete aims and objectives of the project and describe the ways in which the situation set out under the previous section (Part E) will be changed (limit 3000 characters).

As presented in the previous sections, we have assembled the WaMPPP consortium and prepared the WaMPPP project in order 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. We expect that jobs for such graduates will be plentiful.

In this process we will also strengthen our Schools and build capacities of vocational HE Schools in WM, thus further improving our position as educators, training providers and consultancy experts.

Additionally, we wish to contribute to the increase in awareness on WM and other environment protection issues. Also, we will try to help in pointing out the possibilities of the environment sector for job creation and self-employment.

Accordingly, the project is prepared with two aims:

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.

If successful, this project will contribute to improvements on many diverse issues, such as:

- systematically and educated WM graduates will be provided to the labour market,
- companies in the WM 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 WM Network database),
- partners P1 to P5 will strengthen: expand the portfolio of offered 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 WM sector and consequent job creation possibilities.

F.2. Project activities and Methodology

Please define the activities proposed and the working methodology (project activities/developments including educational and training content and pedagogical approach) to be used for achieving the objectives, including major milestones, measurable indicators, etc. (limit 6000 characters).

WP1

Lead partners of this activity will be P1 and P9.

As a preparation package, these activities aim to obtain the current status of capacities of education/training in the field of WM in both Partner (PA) and Programme (PR) countries, as well as the capacities of the WM sector in Serbia. All partners will contribute to conducting the survey in their localities and to producing written reports. The findings will serve to define knowledge, skills and competencies for all target groups of the WaMPPP project (teaching&lab staff of PA partners; WM and environment protection students; students of other engineering/technical orientation; employees in WM field, employees in other industry sectors). The findings will also define the best suited methodologies for curricula/syllabi development activities and hence pave a solid path towards the final project outcomes.

Assessment of potential for student industrial placement will define its possible modalities, with all partners finally shaping the best industrial placement models for UG and PG students. The outcomes of the survey will be presented at a PA-country level meeting. WP1 activities will provide detailed directions for the further stages of the project.

WP2

Lead partners will be P2 and P8, with all partners being very active. Jobs will be distributed to dedicated task teams, whose progress and quality will be reported to Grant applicant, central Project management team, Quality Committee and Dissemination Board.

Several study visits will be organized. All five PR country partners will host staff of all PA partners for passing the WM expertise and show lab capacities/methods. Hopefully, all participating staff will interact on a less formal level as well, finding converging/complementary expertise/interests. This WaMPPP-wide networking is useful for many later activities, especially for formation of dedicated task teams.

The next activity is growing the WM network that will try to gather and connect diverse other interested parties such as:

- academics from WaMPPP partners and other HEIs,
- professionals from the WM field (hopefully some from PR countries as well),
- engineers and managers from other industry sectors concerned with environment and waste,
- representatives of local authorities,
- senior and middle-level staff of municipal waste collection companies, etc.

All of the above is planned to aid the core development activity - modernisation of existing and production of new teaching materials, for the target groups identified in WP1.

The new lecturing materials will be jointly developed and produced by all PA partners, with active steering by PR partners. Staff of PR partners will also start creating some 15 to 20 lectures, to be delivered in a concentrated intensive manner to newly enrolled PA students in the third WaMPPP project year, as 5-day teaching assignments in at least three Serbian HEIs.

The next listed sub-activity, started in parallel at the middle of the first project year, is the creation and development of new curricula and modules in HEIs in Serbia. They will be jointly developed and produced by all PA partners, with active steering by PR partners. P1 and P3 will develop new Vocational Master curricula. P2 and P5 will modernize vocational Specialist curricula on environmental protection, P4, having no study programmes in WM or EP field, will develop a new vocational Bachelor curriculum for environment protection.

WP3

Lead partners of this activity will be P4 and P6, with all partners being very active. Modus operandi will be similar to WP2, but now including ICT professors and technicians as well.

Adopting a novel methodologic approach in curricula realisation is the first activity here, with a few later iterations for fine-tuning the methodology and/or content.

It is followed by development of the ICT-based platform for interactive student and employee training, installed at P1 to P5. It is a virtual centralized control system, based on real processes met in WM, which will be adapted for students and other learners. Virtuality brings many advantages - cost reduction,

allows safe trial-and-error experiments without real damage, possibility to link two classrooms to work together or compete on a problem, etc. The existing ICT infrastructure in every PA partner will be boosted by dedicated servers and a 16-strong PC classroom.

With help of non-HEI partners and the perceived needs, the portfolio of training courses will be prepared and delivered, with usage of the ICT platform. Delivery will be open to interested companies outside the WaMPPP as well. This should support the desired expansion in HE-industry collaboration.

We estimate that over 40 HEIs and at least 5 other staff will be engaged in training, with at least 500 trainees.

The findings of WP1 will shape the ICT portal and a WM database. The ICT portal will offer a multitude of information on WM issues, instructions and guidelines, a forum, etc. The correlated database will contain info on the existing infrastructure, legislation, data on WM companies in Serbia, etc. Both will have areas for different stakeholders and an open access to public.

WP4

Led by P3 and P7, with all partners very active. Supervised by other WaMPP bodies, as previously.

The implementation of WM modules/subjects/topics into the UG/PG curricula/syllabi in PA country HEIs, thus firmly embedding the WM awareness/knowledge into the competence sets of various graduates. In addition to PR 1-week courses, guest lectures among PA will be encouraged.

New industrial placement model will be implemented - UG/PG students will start attending and working on real problems, resulting in Final projects. Reversely, industrial co-mentors will participate in their viva voce examination boards. In the Y3, best 15 students from P1 to P5 will undertake a 3-week WM-biased placement at P9 accompanied by 3 staff on a 1-week rota.

As all of the previous grows and matures, work on accreditation of new programmes has already started and HEIs are envisaged to submit the planned accreditations in spring 2017, timed for the academic 2017/18. An average of 30 students per study programme will be requested.

WP5 DISS/EXPL

Explained in section G2. We believe that it will take many years until the gaps in WM expertise in Serbia will be filled, hence our new study programmes and training courses live many years.

WP6 QUALITY

Explained in section F4. We will benefit from inter-project coaching on quality procedures and a constructive feedback from a timely external QA audit.

WP7 MAN

Explained in detail in sections D1 and D2. We do need structured project management training more than inter-project coaching will provide, but many of us will learn as we go along.

F.3. Budget and cost effectiveness

Please describe the strategy adopted to ensure that the proposed results and objectives will be achieved in the most economical way and on time. Explain the principals of budget allocation amongst partners. Indicate the arrangements adopted for financial management and what co-financing modalities are planned (limit 3000 characters).

The total project budget is 833.084.00 € and the total project grant is 916.570€. Due to 13 partners in the Consortium, it is very important to establish a well-functioning management system. Being aware of the budget portion allocated to Serbian partners and knowing our needs and capacity, we have adopted a cost effective strategy that ensures that the project results will be achieved and that the cost will be really produced only when necessary. The resources are allocated according to the volume of activities and their effect on the specific and wider projects aims.

During the budget planning, we took care of the balance among the partners from Serbia and EU. Although the transfer of their huge expertise will be crucial for the success of the project, the role of EU partners is generally advisory. Therefore their activities are budgeted with 19,3% of the total project budget. The other part of the budget, 80,7%, is divided among the Serbian partners from HE institutions and Serbian industrial partners with the remaining in the ratio of 92,87%, and 7,13%, respectively. The explanation to this debalance is multiple – industrial partners have a smaller role in developing ICT-based services, they cannot benefit from equipment purchase and all subcontracting (printing&publishing, external audits) are assigned to the HE partners.

Staff costs are projected in an effective and balanced way and are aligned with planned activities. They are concentrated in WP2 and WP3, because their successful realization is crucial for achieving the project's goals. Also, the staff costs in WP2 and WP3 are principally in the teacher/trainer category. A significant number of days is allocated to dissemination and exploitation activities. The amount designated for equipment, and subcontracting, is in accordance to importance of those items to in achieving the project results. The amount dedicated to equipment is allocated to partners from Serbia according to their project roles. The designed amount will enable the purchase, installation and activation of modern equipment in the most economic and functional way. The subcontracting amount is also significant, but not too large. The main subcontracting is devoted to printing and publishing of paper/based promo material and newly-developed teaching materials, both in paper and e-form. The second significant item of sub-contracting is related to the engagement of financial and quality audit experts.

The percentage of the co-financing is 10,2%. The EU partners will cover 12,7% of this amount while Serbian partners will cover the 87,3% of co financing.

F.4. Quality control and Monitoring

Please explain what mechanisms have been put in place for ensuring the quality of the project and how the evaluation will be carried out. Please define the specific quality measures established, as well as the benchmarks and indicators foreseen to verify the outcome of the action. Make sure that the information in this section is consistent with the project Logical Framework Matrix (limit 3000 characters).

On the project-wide level, the quality control will be conducted by self-evaluation process of the Project Management Team, whose evaluation reports will be submitted for Consortium meetings. During the Kick-off Consortium Meeting, the Quality Committee will be elected. It will contain staff of P1,P2,P3,P6,P9,P10,P12, with Chair from P2, Co-Chair from P6 and Steering Chair from P12.

The material for regular Quality Committee meetings will be prepared by the Grant Applicant, Project Coordinator, Chairs and co-Chairs of Work Groups and Dissemination&Exploitation Committee, as well as leaders of every activity, when appropriate.

Quality control will focus on the content of the projects, objectives, adopted methodological models, timely realization of the activities, dissemination, exploitation, coordination within and among working groups and effectiveness of the whole process. This will provide the basis for a critical overview of the project progress (in every activity and overall progress), achieved outcomes in the passed project year or. The overview will allow to plan smooth implementation of future activities, envisage problems and suggest/define (if any) changes in planned project execution in order to reach the objectives in the best possible way.

It is planned that the Quality Committee will meet twice a year, once at and once between the Consortium meetings. At all meetings an interim assessment of 6-month activities/results will be carried out. Interim reports will be written and disseminated internally to the project partners.

On the next level, quality control will be performed by Chairs and co-Chairs of Work Groups, working on specific outcomes of the project. On this level, quality control will focus on the contents of the outcome, timely realization of the WP-wide activities, coordination within the WP and effectiveness of task groups within WP. The WG chairs, as leaders of particular activities, will provide interim reports and reviews on each completed activity for Consortium and Quality Committee meetings.

On the next level, staff members of project partners will provide feedback questionnaires for every activity they participate in. These will be passed either to the corresponding WG chair or to the contact person of the institution.

On the target-audience level, quality control and monitoring will be facilitated through feedback questionnaires. Surveys on quality of teaching are already done for the UG students on every subject they attend. This will be expanded to the PG teaching and trainees from all target groups, in a similar format.

In order to ensure better visibility as well as dissemination within the WaMPPP staff, the monitoring and quality control reports will be published on the project Website.

G.1. Expected impact of the project

Please explain who will use these project outputs / products / results and how the consortium will reach them. Describe how the target groups (including participating institutions, stakeholders) will be reached and involved during the life of the project and how the project will benefit the target group at local, regional, national and or European level. Please structure your description according to the different levels of impact and stakeholders (limit 3000 characters).

Outputs of this project will be useful to a diverse set of target groups:

Within PA HEI partners:

- students on vocational UG/PG study programmes – through acquiring theoretical, practical and applicable knowledge, skills and competences which will very welcomed by the labour market;
- students on other engineering/technology study programmes – through the basic knowledge of the WM issues and consequent step in environmental awareness;
- HEIs' teaching staff already teaching subject in WM and EP areas – through broadening their horizons;
- HEIs' teaching staff in other disciplines – through upgrading their capacity to pass on knowledge, experience and novel learning methodologies;
- HEIs' laboratory technicians – through access to new laboratory equipment, methodologies and procedures;
- HEIs' non-teaching staff - through expanding their expertise in supporting EU project;

Within PA non-HEI partners:

- partners as entities – through results they will get from final projects of students' industrial placements as well as the possibility to hire newly available experts trained specifically on WM issues,
- their WM experts – through expanding their teaching capacities and becoming trainers;
- their other employees – through modern training provided by the WAMPPP project;

Others, on regional/national level:

- other companies, municipal waste collection companies and stakeholders in the WM field – through some of the three above listed modalities;
- employees in various industrial sectors – via an open access to WM network, ICT portal and WM database, through which they can gain knowledge on various WM issues, thus raising their environmental awareness;
- informal sector and deprived social group – through provision of information on possible job creation that will come because WM sector must grow;
- wider public – again an open access to information compiled within this project.

Please describe how the target groups (including participating institutions, stakeholders) will be reached after the project is finished(limit 3000 characters).

We sincerely hope that most of the project outcomes will have long lifespan. Therefore, project output will continue to be beneficial to majority of target groups mentioned above:

Within PA HEI partners:

- students on vocational UG/PG study programmes – they will continue to be competitive in the labour market;
- students on other engineering/technology study programmes – their environmental awareness will be at high level;

Within PA non-HEI partners:

- partners as entities – they will continually have available experts trained specifically on WM issues;
- their other employees – they will continually have possibilities for modern training provided by results of WAMPPP project;

Others, on regional/national level:

- other companies, municipal waste collection companies and stakeholders in the WM field – through some of the three above listed modalities;

- employees in various industrial sectors – they continually have an open access to WM network, ICT portal and WM database, through which they can gain knowledge on various WM issues, thus raising their environmental awareness;
- informal sector and deprived social group – they constantly will have the possibility of employment in the sector VM that will constantly grow;
- wider public – again an open access to information compiled within this project.

Overview of short and long term impact indicators

Please add rows as necessary according to indicators

Short term impact	Target groups/potential beneficiaries	Quantitative indicators	Qualitative indicators
Graduates on WM programmes entering the labor market.	Students & employers	Number of students graduating. Data on finding the first job.	
Graduates on other technical programmes gaining WM skills.	Students & employers	Number of students graduating. Data on finding the first job.	
Students practical skills are improved due to placements	Students & employers	Number of students taking the new placements.	Final projects are relevant to industry. Better practical skills of graduates.
HE teaching staff has a better capacity to teach	HE staff	Students' feedback on teaching quality	
Skills of Lab staff are bettered	HE and non-HE laboratory staff	Number of new procedures mastered, number of samples tested annually.	
Improved skills of current workforce of WM companies	Employees & companies	Number of training courses attended	Better practical skills, Increased environment awareness
Promotion of multi-culturalism between Serbia and EU	Students & staff of vocational HEIs	Number of study visits and student placements in PR countries.	
Networking amongst the stakeholders in WM	All target groups	Number of active members of the established WM network	Flow of accurate information and expertise
An incremental increase in environmental and WM awareness	All target groups	Number of visits to the ICT portal and WM database	Increased environment awareness

Long term impact	Target groups/potential beneficiaries	Quantitative indicators	Qualitative indicators
Graduates on WM programmes fulfilling the needs of the WM sector	Students & employers	Number of students graduating. Data from the National Employment Agency	

Industrial placement becomes the norm for every vocational student in engineering	Students, employers but also the vocational HEIs	Number of students taking the new placements. Number of companies offering placements.	Final projects are fully relevant to industry. Companies seek good students for useful problem-solving topics.
Improved skills of current workforce of WM companies	Employees & companies	Number of training courses attended	Better practical skills, Increased environment awareness
Skills of teaching and Lab staff continue to develop	HE teaching staff and laboratory staff	Number of samples tested annually in Labs	
Formation of a formal network of WM stakeholders	All target groups	Number of active members of the established WM network. Formation of other networks interested in WM	
A notable increase in environmental and WM awareness	All target groups	Number of visits to the ICT portal and WM database Estimates on waste generation	Increased environment awareness

G.2. Dissemination and exploitation strategy

Please explain how the dissemination will be organised and how exploitation activities will ensure optimal use of the results within the project's lifetime and after. Explain the roles, responsibilities and target groups (limit 3000 characters).

A thorough and wide-encompassing dissemination of project activities will be the crucial aspect of dissemination and exploitation, because the project is aimed to benefit large number of students, company employees and public.

The dissemination process will start with informing the staff from HEI and non-HEI partners, then informing students from HEI partners, employees in various sectors of industry and inform the public about the activities and goals of the project.

Established Laboratories for environmental protection will serve primarily for student education and training, but also to provide consultancy and commercial services to all interested parties, through testing of certain parameters of the environment and/or waste.

The WaMPPP project Website will be registered, set up and regularly updated. Together with dedicated pages within Websites of partners P1,P2,P3,P4,P5 it will provide up-to-date information on the project activities, achieved milestones, forthcoming events, WorkGroup activities/reports and the overall project progress. The developed teaching and training material will be stored both on the Website and some on the ICT portal. The target audience is a wide population of students, employees in various industrial sector and public.

To ensure a unique visual identification of the project, the project logo will be designed. It will be placed on the Website and on all the printed material (survey questionnaires, fliers, posters, reports, student scripts, trainee scripts). Promotion of Website, ICT portal, WM database and WM android applications shall be carried out through the creation of links on Websites of HEI and non-HEI partners and also on the websites of all companies in the field of WM with which cooperation is established. Links to the Website, ICT portal and database will be available on all printed brochures and promotional material. Several small brochures and three-page fliers, designed to promote newly developed WM programs, teaching and training activities of the project and facts about WM issues will be printed and distributed to potential students and WM company management. It is hoped that most of the individuals receiving the printed material will be interested in other aspects of the project and will visit the Website.

Different campaigns aimed at the promotion of the project, a new study programmes, ICT portal and

database will contribute to raising environmental awareness and promoting the need for active involvement in solving of waste issues. The campaigns in order to promote newly developed study programmes, will be organized in secondary schools, for the potential students of WM study programmes. Another dissemination aspect are the one large target group of the project – informal sector and deprived society groups, who will be educated/trained within this project about WM issues. Their direct contact will ensure a wide exposure of the project. Training courses will deliver staff of HEI and non-HEI PA partners. The training courses for employees in various industrial sector and informal sector and deprived society groups will carry on beyond the project life.

The planned events (annual Consortium meetings, seminars and workshops) will be of open nature - representatives of other professional Schools, SMEs and large enterprises will be invited to take part. Four Dissemination Conferences will be organized, to which local and regional authorities/organizations will be invited.

G.3. Sustainability

Explain how the impact of this project will be sustained beyond its lifetime. Please list the outcomes that you consider sustainable and describe the strategy to ensure their long lasting use beyond the project's life - financially, institutionally and policy level. Also explain how the results will be mainstreamed and multiplied in the sector of activity and in the participating institutions. Describe the strategy foreseen to attract co-funding and other forms of support for the project (limit 2000 characters).

The project is designed so that the envisaged activities during the project ensure its sustainability beyond its lifetime.

Outcomes of the project that we consider sustainable are:

- Long term agreements between a HEIs and stakeholders
- Developed ICT-based platform for interactive student and employee training
- Developed ICT portal with database of all relevant information in the field of WM
- Implemented student industrial placement model
- Accredited newly developed vocational master and modernized specialist program
- Established laboratories for environmental protection
- Developed training courses to industry partners and enterprises
- Created WM android applications
- Developed trainings for informal and deprived society groups on WM issues

Legal sustainability provided by adopting the Law on higher education which envisages the introduction of Master of vocational Studies and the rulebook of professional practice at schools that implement the newly developed model of professional practice.

Sustainability of ICT portal with database and WM android applications will be provided by the copyrights regulations which will define the formation, improvement and expansion of the ICT portal, database and android applications.

Sustainability of established WM Network among stakeholders is provided by signing long-term agreements between the HEIs and companies in the field of WM, monitoring the degree of utilization of the contract.

Institutional sustainability provided through the approved program of study and model of professional practice in the teaching council.

Financial sustainability is secured through the commercialization of services provided by the laboratory for environmental protection (examination of environmental parameters, testing of certain characteristics of the waste), through the commercialization of courses for employees in various industrial sectors.

Sustainability of trainings for informal and deprived society groups on WM issues is provided through collaboration with local government and its support for the project.

Sustainability of developed of ICT-based platform for interactive student and employee training is provided through its implementation through courses for students and employees in various industrial sectors.

LOGICAL FRAMEWORK MATRIX – LFM

<p>Wider Objective: <i>What is the overall broader objective, to which the project will contribute?</i></p> <ul style="list-style-type: none"> • To enhance education and training of current and future workforce in Serbia in the field of waste management (WM), thus contributing to the capacities of both vocational HE and the growing WM industry, • 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, 	<p>Indicators of progress: <i>What are the key indicators related to the wider objective?</i></p> <ul style="list-style-type: none"> • Number of accredited study programmes related to WM. • Number of graduates/postgraduates educated and employees trained in WM. • Improved level of applicable professional skills of graduates and postgraduates. • Campaigns for raising the awareness on WM issues, tailored for different target groups in the society. 	<p>How indicators will be measured: <i>What are the sources of information on these indicators?</i></p> <ul style="list-style-type: none"> • Data from Serbian accreditation body, CAQA. • Annual reports on number of graduates, trainers and employees, educated and trained in WM. • Surveys on graduates' first employment and relevance of WM knowledge in their jobs. • Reports of Republic Chamber of Commerce. • Number of conducted awareness campaigns. 	
<p>Specific Project Objective/s: <i>What are the specific objectives, which the project shall achieve?</i></p> <ul style="list-style-type: none"> • To develop modern curricula and syllabi, based on real needs for a competent workforce in the WM sector. • To develop/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 	<p>Indicators of progress: <i>What are the quantitative and qualitative indicators showing whether and to what extent the project's specific objectives are achieved?</i></p> <ul style="list-style-type: none"> • Development of new and modernisation of existing vocational study programmes and/or subjects on both undergraduate and postgraduate level in the field of WM. • Quantity of up-to-date teaching materials in WM. • Creation of training courses for professional development of employees. • Development of a novel ICT learning platform for practical training in WM of both students and employees in industry. • Creation of a database with presentations and case studies on 	<p>How indicators will be measured: <i>What are the sources of information that exist and can be collected? What are the methods required to get this information?</i></p> <ul style="list-style-type: none"> • Project reports, newsletters, e bulletins, • Programmes, galleries and reports of visits, • Capacity of the network, number of events among the network members, • Equipment installed and get its inventory number, • Published courses, scripts and case studies for specific industry sectors, • Counter of the Web site visits, • Presentation the date base quality at seminars and conferences, • Data on created curricula, modules, and course programmes, • Data on the accreditation results, 	<p>Assumptions & risks: <i>What are the factors and conditions not under the direct control of the project, which are necessary to achieve these objectives? What risks have to be considered?</i></p> <p>• ASSUMPTIONS:</p> <ul style="list-style-type: none"> • Serbia will adopt the National Qualification Framework, motivating the employers to fully recognise the vocational qualifications offered by Schools: Bachelor, Specialist and Master. • Accreditation body (CAQA) will clarify all the details of accreditation standards for Vocational Master. • Companies active in WM sector will be able to define the knowledge, skills and competences necessary for successful growth. • Companies will want to offer

<p>novel technical and technological solutions, exploiting the application of ICT</p> <ul style="list-style-type: none"> • To create a sustainable model of students' professional practical 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. 	<p>specific technological/ organisational challenges in WM.</p> <ul style="list-style-type: none"> • Number of companies offering practical placements related to WM; number of students completing the placements. • Number of final diploma projects/theses related to WM. • Number of campaigns and records (or estimates) of reached audiences. 	<p>and decision of the official bodies,</p> <ul style="list-style-type: none"> • Data about enrolment procedures of freshmen, • Yearly report of the canthers of WM activities, • Number of the long term agreement between centre and industrial partners and other stake holders, • Number of conducted training courses and survey reports about it, • Signed agreements about long-term cooperation between HEIs and industrial partners from Serbia, • Minutes from meetings and formal HEIs decisions, • Yearly report about the dissemination activities, • Monitoring the process by consortium. 	<p>practical placements</p> <ul style="list-style-type: none"> • RISKS: • Inertia of CAQA and slow changes in Serbian HE Laws, as seen in last 10 years. • Some employers may be reluctant to divulge their issues/problems with waste. • Reluctance of industrial partners to actively contribute in the development of teaching and training scripts. • Trainers from industrial partners may not be talented teachers - training in teaching methods will be provided. • Vaguely defined goals of awareness campaigns.
<p>Outputs (tangible) and Outcomes (intangible):</p> <ul style="list-style-type: none"> • Please provide the list of concrete DELIVERABLES - outputs/outcomes (<u>grouped in Workpackages</u>), leading to the specific objective/s.: <p>WP1 Analysis of the existing capacity in the HE in the field of WM</p> <p>1.1 Report on the existing study programmes</p> <p>1.2 Report on the existing capacity in the field of WM</p> <p>1.3 Report on Comparative analysis</p> <p>1.4 Report on defined WM-related knowledge, skills and competencies</p> <p>1.5 Report on agreed methodological approaches in creation of curricula, syllabi and training programmes</p>	<p>Indicators of progress:</p> <p><i>What are the indicators to measure whether and to what extent the project achieves the envisaged results and effects?</i></p> <ul style="list-style-type: none"> • WP1 • Six reports from WP1 compiled, agreed, written, published and distributed to all interested groups. • Reports of the defined WM related knowledge written and published and presented as widely as possible. 	<p>How indicators will be measured:</p> <p><i>What are the sources of information on these indicators?</i></p> <ul style="list-style-type: none"> • Project reports, newsletters, e bulletins, • Programmes, galleries and reports of visits, • Capacity of the network, number of events among the network members, • Equipment installed and get its inventory number, • Published courses, scripts and case studies for specific industry sectors, • Counter of the web site, • Presentation the date base quality at seminars and conferences, 	<p>Assumptions & risks:</p> <p><i>What external factors and conditions must be realised to obtain the expected outcomes and results on schedule?</i></p> <ul style="list-style-type: none"> • Support from HEIs staff, lack of enthusiasm of other companies for training during the changing economic environment. • Learning inertia of workers. • Lack of readiness of companies private and public to actively participate in the survey. • Student will not respond adequately in the survey procedures • coordination problems among project partners

<p>1.6 Students industrial placement model</p> <p>WP2 Prepare modern teaching and training materials for a portfolio of new curricula and syllabi on WM</p> <p>2.1 Study visits reports</p> <p>2.2 WM Network among stakeholders</p> <p>2.3 Teaching/training materials</p> <p>2.4 Equipment purchased, installed</p> <p>2.5 Presentation of developed new syllabi and curricula</p> <p>WP 3 A novel ICT-based learning platform for practical education and training</p> <p>3.1 Adaptation of a novel methodological approach in realization of curricula</p> <p>3.2 An ICT-based platform for interactive student and employee training</p> <p>3.3 A portfolio of training courses utilizing the ICT platform</p> <p>3.4 ICT portal with database</p> <p>WP4. Impelmentation of new curricula and modernised study programmes in WM</p> <p>4.1 A developed WM modules/ subjects into the undergraduate/postgraduate curricula/syllabi</p> <p>4.2 A developed student industrial placement model</p> <p>4.3 Accredited master programme and specialist program</p> <p>WP5 Dissemination and exploitation</p>	<ul style="list-style-type: none"> • WP2 • Six study visits organized, conducted and reports disseminated at home institutions; new contacts forged. • A network among stakeholders is created, newsletters and occasional face-to-face meetings organised. • Number of developed courses, scripts, presentations, tests, case studies; their appropriateness for specific industry sectors. • Equipment purchase realised in a timely fashion, equipment introduced in inventory books of institutions, • Equipment installed and local staff trained in using it. • WP 3 • A methodology approach in creation of curricula written and published • Developed a methodology ICT based approach in realization of curricula tailored for WM, written and published, • Implementation a methodology approach in the teaching /training process for students at all levels of studies, • Implementation a methodology approach in the teaching /training process for industry partners, • Developed of ICT portal and data base in field of WM. • WP 4 • New curricula, modules and subjects developed and supported by industrial 	<ul style="list-style-type: none"> • Data on created curricula, modules, and course programmes, • Data on the accreditation results, and decision of the official bodies, • Data about enrolment procedures of freshmen, • Yearly report of the canthers of WM activities • Number of the long term agreement between centre and industrial partners and other stake holders, • Number of conducted training courses and survey reports about it, • Signed agreements about long-term cooperation between HEIs and industrial partners from Serbia, • Minutes from meetings and formal HEIs decisions, • Yearly reports about the dissemination activities, • Monitoring the process by consortium. 	<ul style="list-style-type: none"> • Inertia of the CAQA
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5.1 Dissemination plan for the project 5.2 Laboratories for environmental protection 5.3 WEB site and ICT portal with database 5.4 The training courses to industry partners and enterprises 5.5 A promo material and campaigns 5.6 Trainig informal and deprived society groups WP 6 Quality Assurance and Monitoring 6.1 The quality control mechanisms 6.2 Reports of IR and FR submitted 6.3 Reports of Inter project coaching 6.4 Report of analyses about students and company trainees evaluation forms WP 7 Management of the project 7.1 Minutes of the meetings 7.2. Project management procedures 7.3. Project activities reports are presented and adopted	partners , • enrollment of students • WP 5 • established Laboratory at different HEIs • Long term agreements between HEIs and stakeholders • At least 10 training courses at companies enhanced the competence of the employers. • Report about training courses • Project results built into partners' long term development plans. • At least 15 dissemination events organized • Smooth and timely implementation of the project • 4 minutes of the Steering committee meetings • 4 minutes of quality board meetings • 2 reports of inter-project coaching		
Activities: <i>What are the key activities to be carried out (<u>grouped in Workpackages</u>) and in what sequence in order to produce the expected results?</i> • 1.1 Analyse the existing study programs in the WM field in PR and PA • 1.2 Analyse the existing capacity in WM field in Serbia • 1.3 Comparative analysis of study programmes in Serbia and EU • 1.4 Define WM-related knowledge, skills and competencies • 1.5 Discuss upon methodological	Inputs: <i>What inputs are required to implement these activities, e.g. staff time, equipment, mobilities, publications etc.?</i> • WP1 (PREP): • Staff costs: 39,914 € • EU Cat1 2,724€EU Cat2 13,810€ • EU Cat3 1,232€EU Cat4 860 € • RS Cat1 2,916€RS Cat2 13,760€ • RS Cat3 3,591€RS Cat4 4945 € • Mobilities: 3,360 € • 8 RS to RS mobilities • Equipment 8,500 €		Assumptions, risks and pre-conditions: <i>What pre-conditions are required before the project starts? What conditions outside the project's direct control have to be present for the implementation of the planned activities?</i> • WP 1. • A: Information is readily available. • R: Insufficient dedication of partners and other stakeholders to aims of this project • R: Slowness of the new consortium • R: Mechanism of communication are

<p>approaches in creation of curricula and training programmes</p> <ul style="list-style-type: none"> • 1.6 Defined students industrial placement model • 2.1 Study visits in PR and PA • 2.2 Create a WM Network among stakeholders – academic staff and professionals • 2.3 Developing teaching/training materials • 2.4 Purchase and install equipment • 2.5 Develop new syllabi and curricula • 3.1 Adapt a novel methodological approach in realization of curricula • 3.2 Develop the ICT-based platform for interactive student and employee training • 3.3 Develop a portfolio of training courses utilizing the ICT platform and deliver it to employees in various industrial sectors • 3.4 Establish the ICT portal with a database of WM • 4.1 Implementation of developed WM modules/subjects into the undergraduate and postgraduate curricula/syllabi • 4.2 Implementation of developed student industrial placement model • 4.3 Accredited newly developed master programme and modernized specialist programme • 5.1 Create the dissemination plan for the project • 5.2 Establish the laboratories for 	<ul style="list-style-type: none"> • Multifunctional portable equipment for admin(wil be used in all WPs of project) • WP2-WP4 (DEV): • Total staff costs: 197.858 € • WP2 • EU Cat1 2,724€EU Cat2 26,990€ • EU Cat 3 1,232€EU Cat4 391€ • RS Cat1 4,212€RS Cat2 46,400€ • RS Cat3 6,441€RS Cat 4 1,305€ • EQUIPMENT TOTAL 143,550€ • SET OF SIMILIAR EQUIPMENT -EP LABORATORY • P1: 35,500€, P2: 13,550€ • P2: 28,500€, P3: 22,000€ • P4: 22,000€, P5: 22,000€ • WP3: • EU Cat1 2,724€ EU Cat2 14,495€ • EU Cat 3 926€, EU Cat 4 351€ • RS Cat1 4,644€RS Cat2 27,600€ • RS Cat3 5,871€RS Cat 4 945€ • EQUIPMENT TOTAL: 73,500€ • SETS FOR E-PLATFORM LABORATORY • P1:14,500€, P2: 14,500€ • P3:14,500€P4:14,500€ • P5:14,500€ • WP4 • EU Cat1 2,988€EU Cat2 13,810€ • EU Cat3 1,091€EU Cat4 507€, • RS Cat1 4,212€RS Cat2 22000€ • RS Cat3 8,721€RS Cat 4 507€ • Mobilites: 142,135 € • 21 EU to RS mobilites 		<p>not fully working</p> <ul style="list-style-type: none"> • WP2 • A : Best-suited staff is available and willing to travel, • R: Delays in the implementation of study visits • R : Weak cooperation among the stakeholders • R: Partial or late results of WP1 • R: Lack of interest from industry partners to develop the network • R: Procedural problems during the equipment purchase • WP3 • A: All equipment procured on time, • R: Technical problems in creation ICT based methodological approach, • R: Various problem about adaptation of developed teaching/training materials to new methodological approach, • R: Resist of the industrial trainers to accept a novel methodological approach, • R: Problems with extending the IT Networks. • WP4 • A : Standards to accredit vocational Master are released without many changes, • A: By now, many teaching staff is familiar with the project, • R: Procedural problems about implementation of developed syllabi and curricula
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<p>environmental protection</p> <ul style="list-style-type: none"> • 5.3 Develop, maintain and promote project WEB site, ICT portal and WM database • 5.4 Continue delivering training courses to industry partners and enterprises • 5.5 Create promo material and campaigns • 5.6 Training informal sectors and deprived society groups on WM • 6.1 Develop and adopt the quality control mechanisms • 6.2 Conduct internal and external peer reviews in a timely manner • 6.3 Inter project coaching • 6.4 Analyse evaluation forms from students and company trainees • 7.1 Regular consortium, workgroup and partner countries level meetings • 7.2 Develop the project management procedures • 7.3 Manage, administrate and report on the project activities 	<ul style="list-style-type: none"> • 103 RS to EU mobilities • 15 student mobilities from RS to EU • 48 RS to RS mobilities • Staf costs: 45,710 € • EU Cat1 3,128€ EU Cat2 3,036€ • EU Cat3 926€ EU Cat4 351€ • RS Cat1 4,212€ RS Cat2 25,600€ • RS Cat3 7,467€ RS Cat4 990€ • • Mobilities: 26,965 € • 2 mobilities of teaching staff from EU to RS • 18 RS to EU mobilities • 27 RS to RS mobilities • Equipment: 8,500 € • WP6: • Staf costs 20631 € • EU Cat1 3,304€ EU Cat2 3,732€ • EU Cat3 926€ EU Cat4 351€ • RS Cat1 4,860€ RS Cat2 5,520€ • RS Cat3 1,083€ RS Cat4 855 • WP7: • Staf costs: 23,391 EUR Eur • EU Cat1 4,980€ EU Cat2 1,877€ • EU Cat3 463€ EU Cat4 1,755€ • RS Cat1 7,344 RS Cat2 2,614 • RS Cat3 912 RS Cat4 3,420 • Mobilities 54,470€ • 30 EU to RS mob, 14 RS to EU mob • 		<ul style="list-style-type: none"> • R: Inertia of CAQA • R: Disinterest of industrial partners for realisation of students practical placement • WP5. • A: Continued interest of target groups for environment protection • R: Disinterest of informal sector for further education • R: Different social situation in the periods campaigns' realisation • WP6 • A: Meticulous approach of both senior and junior staff to distribution and collection of questionnaires on all WaMPPP events, • R: many staff do not understand QA and hence avoid doing it. • WP7 • A: There will be enough admin staff with decent English, to run the project • R: Key staff of non-HEI partners may have another job, jeopardizing the partner contribution.
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WORKPLAN

Please use the model provided. Applicants are expected to complete a one-page work plan for each project year.

For each year of your project proposal, please complete a work plan indicating the deadlines for each outcome and the period and location in which your activities will take place. Please create additional work plan tables if further space is needed.

The same reference and sub-reference numbers as used in the logical framework matrix must be assigned to each outcome and related activities.

Activity carried out in the Programme Country: = (E.g. activity in France for two weeks in the first month of the project 2= under M1)

Activity carried out in the Partner Country (ies): X(E.g., activity in Tunisia for three weeks in the second month of the project: 3X under M2)

WORKPLAN for project year 1

Activities		Total duration (number of weeks)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
Ref.nr/ Sub-ref nr	Title													
1.1.	Analyse the existing study programs in the WM field in PR and PA.	4		2x=	2x=	2x=								
1.2.	Analyse the existing capacity in WM field in Serbia.	4		2x	2x	2x								
1.3.	Conduct a comparative analysis of study programmes in the field of WM in Serbia and EU.	2				x=	2x=							
1.4.	Define WM-related knowledge, skills and competencies.	4				2x=	2x=	2x=						
1.5.	Discuss upon methodological approaches in creation of curricula, syllabi and training programmes.	3			x=	x=	x=	x=						
1.6.	Defined students industrial placement model	3			x=	x=	x=	x=						
2.1.	Study visits in PR and PA.	1						x=	x=	x=				x=
2.2.	Create a WM Network among stakeholders – academic staff and professionals	4		x	x	x	x	x	x	x	x	x	x	x
2.3.	Developing teaching/training materials	12							3x=	3x=	3x=	3x=		3x=
2.4.	Purchase, install and activate suitable equipment.	6				x	x	x	x	x	x	x	x	x
2.5.	Develop new syllabi and curricula at partner HEIs in Serbia	6						x	x	x	x	x		x
3.1.	Adapt a novel methodological approach in realization of curricula.	6						x	x	x	x	x		x
3.2.	Develop the ICT-based platform for interactive student and employee training.													x

3.3.	Develop a portfolio of training courses utilizing the ICT platform and deliver it to employees in various industrial sectors.													
3.4.	Establish the ICT portal with a database of WM	8							3x	3x	2x	2x		
4.1.	Implementation developed WM modules/ subjects into the undergraduate and postgraduate curricula/syllabi.	4									2x=	2x=		2x=
4.2.	Implementation of developed student industrial placement model	4									2x=	2x=		2x=
4.3.	Accredit newly developed vocational master programme and modernized specialist programme.	1	x=	x=										
5.1.	Create the dissemination plan for the project													
5.2.	Establish the centres for environmental protection													
5.3.	Develop, update, maintain and promote project WEB site and ICT portal and expanding the WM database	10	x	x	x	x	x	x	x	x	x	x	x	x
5.4.	Continue delivering training courses to industry partners and enterprises													
5.5.	Create various promo material, android applications and campaigns	3						x	x	x	x	x	x	x
5.6.	Training informal sectors and deprived society groups on WM													
6.1.	Develop and adopt the quality control mechanisms	1	2x=			x=								
6.2.	Conduct internal and external peer reviews in a timely manner		x=	x=	x=									
6.3.	Inter project coaching	2												
6.4.	Collect and analyse evaluation forms from students and company trainees													
7.1.	Prepare and organize consortium meetings, workgroup meetings and partner countries level meetings	3	2x=					2x=	x=	x=				x=
7.2.	Develop and agree upon the project management procedures	2	2x=	2x=	2x=									
7.3.	Manage, administrate and report on the project activities	3	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=

WORKPLAN for project year 2

Activities		Total duration (number of weeks)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
Ref.nr/ Sub-ref nr	Title													
1.1.	Analyse the existing study programs in the WM field in PR and PA.													
1.2.	Analyse the existing capacity in WM field in Serbia.													
1.3.	Conduct a comparative analysis of study programmes in the field of WM in Serbia and EU.													
1.4.	Define WM-related knowledge, skills and competencies.													
1.5.	Discuss upon methodological approaches in creation of curricula, syllabi and training programmes.													
1.6.	Defined students industrial placement model													
2.1.	Study visits in PR and PA.	3						x=		x=				x=
2.2.	Create a WM Network among stakeholders – academic staff and professionals	2	x	x	x	x	x	x	x	x	x			
2.3.	Developing teaching/training materials	12	2x=	2x=	2x=	2x=	2x=	2x=	2x=	2x=	2x=			
2.4.	Purchase, install and activate suitable equipment.													
2.5.	Develop new syllabi and curricula at partner HEIs in Serbia	4	x=	x=	x=	x=								
3.1.	Adapt a novel methodological approach in realization of curricula.													
3.2.	Develop the ICT-based platform for interactive student and employee training.	4	x	x	x	x								
3.3.	Develop a portfolio of training courses utilizing the ICT platform and deliver it to employees in various industrial sectors.	8					x	x	x	x	x	x	x	x
3.4.	Establish the ICT portal with a database of WM													
4.1.	Implementation developed WM modules/ subjects into the undergraduate and postgraduate curricula/syllabi.	4	x=	x=	x=	x=	x=	x=	x=	x=				
4.2.	Implementation of developed student industrial placement model	4	x=	x=	x=	x=	x=	x=	x=	x=				
4.3.	Accredit newly developed vocational master programme and modernized specialist programme.	6				x	x	x	x	x	x	x	x	x
5.1.	Create the dissemination plan for the project													

5.2.	Establish the centres for environmental protection	8	x	x	x	x	x	x	x	x	x	x	x	x
5.3.	Develop, update, maintain and promote project WEB site and ICT portal and expanding the WM database	10	x	x	x	x	x	x	x	x	x	x	x	x
5.4.	Continue delivering training courses to industry partners and enterprises	3									x	x		x
5.5.	Create various promo material, android applications and campaigns	4	x	x	x	x			x	x	x	x		x
5.6.	Training informal sectors and deprived society groups on WM	2									x	x		x
6.1.	Develop and adopt the quality control mechanisms													
6.2.	Conduct internal and external peer reviews in a timely manner	6					2x=	4x=						
6.3.	Inter project coaching													
6.4.	Collect and analyse evaluation forms from students and company trainees	2									x	x		x
7.1.	Prepare and organize consortium meetings, workgroup meetings and partner countries level meetings	3						x=		x=				x=
7.2.	Develop and agree upon the project management procedures													
7.3.	Manage, administrate and report on the project activities	3	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=

WORKPLAN for project year 3

Activities		Total duration (number of weeks)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
Ref.nr/ Sub-ref nr	Title													
1.1.	Analyse the existing study programs in the WM field in PR and PA.													
1.2.	Analyse the existing capacity in WM field in Serbia.													
1.3.	Conduct a comparative analysis of study programmes in the field of WM in Serbia and EU.													
1.4.	Define WM-related knowledge, skills and competencies.													
1.5.	Discuss upon methodological approaches in creation of curricula, syllabi and training programmes.													
1.6.	Defined students industrial placement model													
2.1.	Study visits in PR and PA.													
2.2.	Create a WM Network among stakeholders – academic staff and professionals	3	x	x	x	x	x	x	x	x	x			
2.3.	Developing teaching/training materials													
2.4.	Purchase, install and activate suitable equipment.													
2.5.	Develop new syllabi and curricula at partner HEIs in Serbia													
3.1.	Adapt a novel methodological approach in realization of curricula.													
3.2.	Develop the ICT-based platform for interactive student and employee training.													
3.3.	Develop a portfolio of training courses utilizing the ICT platform and deliver it to employees in various industrial sectors.	7	x	x	x	x	x	x	x	x	x			
3.4.	Establish the ICT portal with a database of WM													
4.1.	Implementation developed WM modules/subjects into the undergraduate and postgraduate curricula/syllabi.													
4.2.	Implementation of developed student industrial placement model													
4.3.	Accredit newly developed vocational master programme and modernized specialist programme.	6	x	x	x	x	x	x						
5.1.	Create the dissemination plan for the project													

5.2.	Establish the centres for environmental protection													
5.3.	Develop, update, maintain and promote project WEB site and ICT portal and expanding the WM database	10	x	x	x	x	x	x	x	x	x	x	x	x
5.4.	Continue delivering training courses to industry partners and enterprises	5	x	x	x	x	x	x	x	x	x	x		
5.5.	Create various promo material, android applications and campaigns	4				x	x	x	x	x	x	x	x	x
5.6.	Training informal sectors and deprived society groups on WM	2				x	x	x						
6.1.	Develop and adopt the quality control mechanisms													
6.2.	Conduct internal and external peer reviews in a timely manner	8											4x2=	4x=
6.3.	Inter project coaching													
6.4.	Collect and analyse evaluation forms from students and company trainees	4	x	x	x	x	x	x	x	x	x			
7.1.	Prepare and organize consortium meetings, workgroup meetings and partner countries level meetings	3		x=			x=		x=			x=		x=
7.2.	Develop and agree upon the project management procedures													
7.3.	Manage, administrate and report on the project activities	3	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=	x=

PART H - Work packages

Please enter the different project activities you intend to carry out in your project. Make sure that the information in this section is consistent with the project Logical Framework Matrix.

H.1. Description of work packages, outcomes and activities

Work package type and ref.nr	PREPARATION		1
Title	Analysis of the existing capacity in the HE in the field of WM		
Related assumptions and risks	A: Information is readily available. R: Insufficient dedication of partners and other stakeholders to aims of this project R: Slowness of the new consortium R: Mechanism of communication are not fully working		
Description	This work package comprises the preliminary activities necessary to develop new curricula. It will result in integrated data on all existing study programmes in the field of WM in the EU, Serbia, and all existing capacities (infrastructure, facilities, laboratories, workforces etc.) in the field of WM in Serbia. The results of these activities will be agreed upon and published in several reports. WM-knowledge, skills, and competence that graduates, postgraduates, and current employees need will be defined through cooperation with non-HEI partners and matched their needs and experiences. This will result in long-term agreements between HEIs and companies/stakeholders in the field of WM. This work package also comprises activities related to the discussion and definition of methodological approaches in the creation of curricula, syllabi and training programmes. It will result in a defined methodological approach which will be used to create new curricula. This work package also includes the definition of a new student placement model. Defining the model of professional practice will be done based on legal regulations and the needs of industrial partners.		
Tasks	<ul style="list-style-type: none"> - make questionnaires, - collect data of existing study programmes and make the report, - collect data of existing capacity in WM in Serbia and make the report, -compare existing study programmes and make the report, - define WM-related knowledge, skills and competencies, - discuss and agree upon methodological approach in creation curricula, - define students' industrial placement model. 		
Estimated Start Date (dd-mm-yyyy)	15-11-2015	Estimated End Date (dd-mm-yyyy)	15-04-2016
Lead Organisation	P1 and P9		
Participating Organisation	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13		

Deliverables/results/outcomes

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	1.1.
	Title	Analyse the existing study programs in the WM field in PR and PA

	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	Desk research of documents and on-line information will provide data on the existing study programmes at EU partner Universities as well as in HEI in Serbia in the form of report, as a preparatory activity for creation of curricula. The goal will be the analysis of existing programmes in the field of environmental protection and WM.	
	Due date	15-02-2016	
	Languages	English/Serbian	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees xAdministrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input checked="" type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	1.2.	
	Title	Analyse the existing capacity in the WM field in Serbia	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	In-site research and on-line information will provide data on the existing capacity (infrastructure, facilities, laboratories, workforces) in WM field in Serbia, as a preparatory activity to assess the potential for student industrial placement.	
	Due date	15-02-2016	
	Languages	English	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input checked="" type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/	Work Package and Outcome ref.nr	1.3.
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Outcomes	Title	Conduct a comparative analysis of study programs in the WM field in Serbia and EU	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	Based on the reports of existing WM study programmes in EU and Serbia, a comparative analysis in form of report will be provided.	
	Due date	15-03-2016	
	Languages	English/Serbian	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	1.4.	
	Title	Define WM-related knowledge, skills and competencies	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	In cooperation with non-HEI partners and according to their needs and experiences and also in consultation with PR partners, PA partners will WM-related knowledge, skills and competencies that graduates, postgraduates and current employees need in a form of report.	
	Due date	15-04-2016	
	Languages	English/Serbian	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	1.5.
	Title	Discuss upon methodological approaches in creation of

		curricula and training programs	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	A draft on the approach will be formed by P1 and circulated to all Partners. A Serbian-level live meeting to fine-tune and agree on the methodological approaches in creation of curricula, syllabi and training programmes, followed by a written report.	
	Due date	15-04-2016	
	Languages	English/Serbian	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	1.6.	
	Title	Defined students industrial placement model	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	Based on the experience of PR partners and non-HEI partners new model of student industrial placement model will be defined. These preliminary activities will provide direction for the next stages of the project and give the focus for the curricula development.	
	Due date	15-04-2016	
	Languages	English/Serbian	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Please copy and paste tables as necessary.

Work package type and ref.nr	DEVELOPMENT		2
Title	Prepare modern teaching and training materials for portfolio of new curricula and syllabi on WM		
Related assumptions and risks	A : Best-suited staff is available and willing to travel, R:Delays in the implementation of study visits R :Weak cooperation among the stakeholders R: Partial or late results of WP1 R: Lack of interest from industry partners to develop the network R: Procedural problems during the equipment purchase		
Description	<p>This work package comprises the activities necessary to prepare for the full implementation of teachers' training and course/programme development. It will result in newly developed syllabi and curricula at partner HEIs.</p> <p>This package will also contribute to the creation of new curricula and syllabi at partner HEIs in Serbia, and the creation of new environmental protection laboratories through study visits to PR partners. This activity aims to achieve the exchange of knowledge and expertise on WM education and training among PA and PR partners. At the 1st Consortium meeting in October 2015, a tactical schedule of mobilities in Year1 will be developed and agreed upon. These mobilities will be focused on educating graduates exchanging experiences on WM among staff of PA partners and PG partners, and will facilitate the finalisation of activity 2.5.</p> <p>The creation of WM network among stakeholders and academic staff will act as a preparation activity for student placements and development of ICT Portal and data base of all relevant information / guidelines / communication channels for all stakeholders in the field of WM. It will result in long-term agreements between a HEIs and stakeholders.</p> <p>Activities in developing teaching and training materials will be done with the support of PRpartners. They will result in 12textbooks/scripts/authorised lectures.</p> <p>The purchase, installation and activation of suitable equipment will be the preparation for the establishment of environmental protection laboratories.</p>		
Tasks	<ul style="list-style-type: none"> - prepare visits to PR and PA partners and report on them, - encourage networking within WaMPPP consortium and beyond, - establish connections with professionals in the WM field, - sign long-term agreement between stakeholders, - create teaching/training materials, - print and publish teaching/training materials, - purchase, install and activate equipment, - develop new syllabi and curricula at PA HEI partners. 		
Estimated Start Date (dd-mm-yyyy)	15-11-2015	Estimated End Date (dd-mm-yyyy)	15-07-2018
Lead Organisation	P2 and P8		
Participating Organisation	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13		

Deliverables/results/outcomes

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	2.1.	
	Title	Study visit in PR and PA	
	Type	<input type="checkbox"/> Teaching material	x Event

		<input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	In preparation for curricula development and the establishment of laboratories for environmental protection, in order to collect experiences from PR partners, several study visits to institutions of PR partners will be conducted.	
	Due date	15-10-2017	
	Languages	English	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Local <input type="checkbox"/> National <input type="checkbox"/> Institution <input type="checkbox"/> Regional xInternational		

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	2.2.	
	Title	Create a WM Network among stakeholders – academic staff and professionals	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report x Service/Product
	Description	In preparation for the development of ICT portals and databases and implementation of developed student industrial placement model, in particular the contacts of PA partners with professionals from the WM field and with the help of non-HEI partners a network among stakeholders in the field of WM will be create.	
	Due date	15-07-2018	
	Languages	Serbian	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	<i>Experts from companies in the field of WM</i>		
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Local xNational <input type="checkbox"/> Institution <input type="checkbox"/> Regional <input type="checkbox"/> International		

Expected	Work Package and	2.3.
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Deliverable/Results/ Outcomes	Outcome ref.nr		
	Title	Develop teaching/training materials	
	Type	x Teaching material <input type="checkbox"/> Learning material x Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	Teaching and training materials will be jointly developedand produced by all PA partners, with active steering by PR partners.	
	Due date	15-07-2017	
	Languages	Serbian	
Target groups	<input type="checkbox"/> Teaching staff xStudents <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	Employees in various industry sector		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	xNational <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	2.4.	
	Title	Purchase and install equipment	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report x Service/Product
	Description	Suitable equipment necessary for the formation of laboratories for environmental protection will be purchasing. Since, partners P2 and P3 already have laboratories for environmental protection; they will upgrade it with additional equipment.	
	Due date	15-10-2016	
	Languages	Serbian	
Target groups	xTeaching staff xStudents xTrainees <input type="checkbox"/> Administrative staff xTechnical staff <input type="checkbox"/> Librarians xOther		
	Companies from various industrial sector		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	xNational <input type="checkbox"/> International

Expected Deliverable/Results/	Work Package and Outcome ref.nr	2.5.
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Outcomes	Title	Develop new syllabi and curricula	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	The new curricula will be jointly developed and produced by all PA partners, with active steering by PR partners. New curricula master student will develop partners P1, P3;partners P2 and P5 will modernize curriculum for environmental protection, partner P4 will develop a new curriculum for undergraduate studies in the field of the environment protection.	
	Due date	15-01-2017	
	Languages	English/Serbian	
Target groups	xTeaching staff xStudents <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	xNational <input type="checkbox"/> International

Please copy and paste tables as necessary.

Work package type and ref.nr	DEVELOPMENT	3
Title	A novel ICT-based learning platform for practical education and training in the field of WM	
Related assumptions and risks	A: All equipment procured on time, R:Technical problems in creation ICT based methodological approach, R: Various problem about adaptation of developed teaching/training materials to new methodological approach, R: Resist of the industrial trainers to accept a novel methodological approach, R: Problems with extending the IT Networks.	
Description	<p>The main objective of this work package is to facilitate the modernization and improvement of teaching methods and provide a pedagogical approach through the development of defined competencies and qualifications based on ICT technologies. The development of such an approach should, first of all, enable future students to gain a better understanding of the problem, its conception and solution based on the application of modern informational tools. The starting point for the determination of methodology will be the fact that it must enable the integration of all the equipment obtained via WP2 based on obtaining data on any process, the processing and monitoring of the data, alarming staff and responding accordingly in appropriate cases.</p> <p>The goal is to create a centralized control system, based on real processes in the economy, which will be adapted to the needs of students, after which a defined methodological approach will start its realization. The existing network</p>	

	<p>infrastructure in partner P1-P5 will be increased in accordance with needs. The developed system will provide real-time, multi-parametric control, calibration, openness of the system, and control over the whole process, as well as decision making procedures. Case studies related to processes of WM will be developed, which can be managed interactively by both students and trainers. This will enable obtaining real results, as well as “learning from mistakes” with no danger to lab equipment, colleagues, or oneself.</p> <p>Once this has been realized, the process of adjustment of developed instructional academic content from WP2 will begin with the implementation of the new environment applied in partners P11, P12 and P13, as well as other stakeholders from WP2, sub-activity 2.2.</p> <p>The final activities within this package include the creation of a database with the ICT Web Portal. The steps in the implementation of the said databases are standard and include their initialization, the creation of web portals and mobile applications for their use, their testing in a real environment, the creation of required documentation, and the introduction of web portals into the system of exploitation. The ICT Portal should provide users with all the necessary information related to WM, legal acts and regulations, work instructions, educational video clips and management applications related to WM.</p>		
Tasks	<ul style="list-style-type: none"> - discuss and adapt a novel methodological approach in realization curricula, - create ICT-based platform for interactive student and employee training, - develop a portfolio of training courses, - deliver training courses to employees in various industrial sector, - register, create and regularly update Website, - create ICT portal and WM database, - create WM android application. 		
Estimated Start Date (dd-mm-yyyy)	15-04-2015	Estimated End Date (dd-mm-yyyy)	15-07-2018
Lead Organisation	P4 and P6		
Participating Organisation	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13		

Deliverables/results/outcomes

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	3.1.	
	Title	Adopt a novel methodological approach in realization of curricula	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report x Service/Product
	Description	Following from the results of WP1, a novel methodological approach in realization of curricula will be produced, circulated within and beyond the Consortium for consultation and the final version adopted.	
	Due date	15-08-2016	
	Languages	Serbian	
Target groups	xTeaching staff xStudents <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff		

	<input type="checkbox"/> Librarians <input type="checkbox"/> Other <i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	3.2.	
	Title	Develop the ICT-based platform for interactive student and employee training	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report x Service/Product
	Description	The main objective of this activity is to facilitate the modernization and improvement of teaching methods and pedagogical approach through the development of defined competencies and qualifications required to ICT-based technologies. The goal is to create a centralized control system, based on real processes, which will be adapted to the needs of students. The existing network infrastructure in a PA partners, will be increased in accordance with the needs. The developed system will provide real-time, multiparametrical control, calibration, openness of the system, control over the process and decision making.	
	Due date	15-02-2017	
	Languages	Serbian	
Target groups	<input type="checkbox"/> Teaching staff xStudents <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther <i>Employees in various industrial sector</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	xNational <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	3.3.	
	Title	Develop a portfolio of training courses utilizing the ICT platform and deliver to employees in various industrial sectors	
	Type	x Teaching material <input type="checkbox"/> Learning material x Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report x Service/Product
	Description	Based on the experiences of non-HEI partners and the perceived needs, the portfolio of training courses in the field of WM utilizing developed ICT platform will be	

		developed. Delivery of courses to employees in various industrial sectors will not be limited to the partner companies, but will be offered to other companies interested in educating their employees on WM issues. The overall aim is to develop partnerships with many enterprises willing to raise the level of environment awareness and thus progress towards environmental protection.
	Due date	15-07-2018
	Languages	Serbian
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students xTrainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther	
	<i>Employees from various industry sector</i>	
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> National <input checked="" type="checkbox"/> Regional <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	3.4.	
	Title	Establish the ICT portal with a database on WM	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report x Service/Product
	Description	In cooperation with non-HEI partners and based on conducted analysis of existing capacity in the WM field, ICT portal and database will be developed. The plan is that ICT portal contains various applications from WM areas, forums, instructions for the different treatment of waste, instructions for primary selection of waste, etc. The database will contain information on the existing infrastructure in the field of WM, legislation in this area, database of existing company in Serbia in field of WM, etc. ICT portal and database will be designed for students, employees in WM, industry sector and the public.	
	Due date	15-09-2016	
	Languages	Serbian	
Target groups	xTeaching staff xStudents xTrainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	Employees from various industry sector, public		

Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Institution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input checked="" type="checkbox"/> National <input type="checkbox"/> International
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Work package type and ref.nr	DEVELOPMENT		4
Title	Implementation of new curricula and modernised study programs in WM		
Related assumptions and risks	A : Standards to accredit vocational Master are released without many changes, A: By now, many teaching staff is familiar with the project, R: Procedural problems about implementation of developed syllabi and curricula R: Inertia of CAQA R: Disinterest of industrial partners for realisation of students practical placement		
Description	This working package comprises activities related to the accreditation of newly developed study programmes. It will result with accredited postgraduate study programmes in the field of WM and undergraduate study programmes in the field of environmental protection. Also, as preparation activities for programme accreditation, this working package comprises activities related to the implementation of developed WM modules, subjects, and topics into the undergraduate and postgraduate curricula/syllabi, as well as the implementation of a developed student placement model. It will result in the adoption of the newly developed and adjusted curricula in the teaching council. This working package will develop a new model of student practice which will contribute to the convergence of a greater number of classes in accordance with new standards regarding the accreditation of new professional master study programmes. In accordance with the labour market, this programme will bring in more graduate students which will obtain the competence to work in the field of WM.		
Tasks	- adopt new and modernized curricula in the teaching council of Partner HEIs, - adopt the developed student industrial placement model, start the placement - prepare documentation for accreditation newly developed programme.		
Estimated Start Date (dd-mm-yyyy)	15-11-2015	Estimated End Date (dd-mm-yyyy)	15-07-2018
Lead Organisation	P3 and P7		
Participating Organisation	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13		

Deliverables/results/outcomes

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	4.1.	
	Title	Implementation of developed WM modules/subject into the undergraduate and postgraduate curricula/syllabi	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	In order to create new curricula, newly developed WM modules/subject/topics will be implemented into the undergraduate/postgraduate curricula/syllabi. This WM moduls/ subject/topics will be adopted in teaching council.	
	Due date	15-06-2017	

	Languages	Serbian
Target groups	xTeaching staff xStudents <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other	
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>	
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional <input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	4.2.	
	Title	Implementation of developed student industrial placement	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	In order to create new curricula, newly developed student industrial placement model will be implemented into the undergraduate/postgraduate curricula/syllabi. This student industrial placement model will be adopted in teaching council.	
	Due date	15-06-2017	
	Languages	Serbian	
Target groups	xTeaching staff xStudents <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional <input type="checkbox"/> National <input type="checkbox"/> International	

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	4.3.	
	Title	Accredit newly developed programme and modernized specialist programme	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	P1 to P5 will form teams for accreditation of their UG/PG study programmes, with an average of 30-strong enrolment requested. It is envisaged to be done timely for academic 2017/18 academic year.	

	Due date	15-10-2017
	Languages	Serbian
Target groups	<input checked="" type="checkbox"/> Teaching staff <input checked="" type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other	
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>	
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Local <input checked="" type="checkbox"/> National <input type="checkbox"/> Institution <input type="checkbox"/> Regional <input type="checkbox"/> International	

Please copy and paste tables as necessary.

Work package type and ref.nr	DISSEMINATION & EXPLOITATION		5
Title	Dissemination and exploitation		
Related assumptions and risks	A: Continued interest of target groups for environment protection R: Disinterest of informal sector for further education R: Different social situation in the periods campaigns' realisation		
Description	<p>This work package comprises activities related to the distribution of projects results. It will result in project results being disseminated.</p> <p>The process of distribution of project results will include the establishment of centers for environmental protection and the continuation of delivery of training courses to industry partners and enterprises. The project results will be presented to students of secondary schools and prospective students through various direct-contact promotional activities. Also, the dissemination of project results will be done by utilizing all available Internet communication channels: web page, ICT Portal, social networks etc.).</p> <p>This will enable raising awareness and maximizing exposure by reaching out to all relevant stakeholders and potential beneficiaries, as well as obtaining the widest possible audience. At the same time, publications and online recourses will ensure that the project results are distributed beyond the lifetime of the project. This work package also includes setting up and administering the project's visual identity – including the project logo, online identity, and web page.</p> <p>This work package also includes the training of the informal sector and deprived society groups.</p>		
Tasks	<ul style="list-style-type: none"> - create the dissemination plan, - establish laboratories for environmental protection, - maintain and promote Website, ICT portal, WM database and android application, - continue delivering training courses to stakeholders, - create various promo materials, - organize campaigns for promotion of new study programmes, - organize campaigns for promotion of project results, - train informal sectors and deprived society groups. 		
Estimated Start Date (dd-mm-yyyy)	15-10-2015	Estimated End Date (dd-mm-yyyy)	14-10-2018

Lead Organisation	P5 and P10
Participating Organisation	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13

Deliverables/results/outcomes

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	5.1.	
	Title	Create the dissemination plan for the project	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	Dissemination plan for the project will be created at the beginning of first year of project.The dissemination process will start with informing the staff from HEI and non-HEI partners, then informing students from HEI partners, employees in various sectors of industry and inform the public about the activities and goals of the project.	
	Due date	15-12-2015	
	Languages	English/Serbian	
Target groups	xTeaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	WaMPPP Consortium and senior staff involved in the project		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	5.2.	
	Title	Establish the laboratories for environmental protection	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	After the equipment installing, which is predicted by the activity in WP2, at least one laboratory for environmental protection with PA partners will establish in support of PR partners P6, P8 and P10. Since, partners P2 and P3 already have laboratories for environmental protection; they will upgrade it. Laboratory for Environmental Protection will serve primarily to educate students, but in addition provide services to all interested parties, through testing of certain parameters of the environment and of certain characteristic of waste.	
	Due date	15-10-2017	
	Languages	Serbian	

Target groups	xTeaching staff xStudents xTrainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	<i>Staff of P11, P12, P13 and any others enterprise and entity</i>		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	xNational <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	5.3.	
	Title	Develop, maintain and promote project WEB site, ICT portal and WM database	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report x Service/Product
	Description	A project Website will provide up-to-date information about the project and about the overall project progress. Also, all developed teaching and training material will be stored in the Website. To ensure a unique visual identification of the project, the project logo will be designed. It will be included in the Website and all the printed material. Promotion of Website, ICT portal and database shall be carried out through the creation of links to sites of HEI and non-HEI partners and also on the websites of all companies in the field of WM with which cooperation has been established through the activity 2.2. Links to the Website, ICT portal and database will be available on all printed brochures and promotional material.	
	Due date	14-10-2018	
	Languages	English/Serbian	
Target groups	xTeaching staff xStudents xTrainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	Staff of P11, P12, P13; any others enterprise and entity; public		
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Institution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	xNational <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	5.4.
	Title	Continue delivering training courses to industry partners and enterprises

	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input checked="" type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	The training courses to industrial partners and enterprises will be constantly delivered to all companies interested in educating their employees on WM issues and willing to raise the level of environment awareness of their employees.	
	Due date	15-08-2018	
	Languages	Serbian	
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input checked="" type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Institution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input checked="" type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	5.5.	
	Title	Create promo material and campaigns	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input checked="" type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	Several small brochures and three-page fliers, designed to promote newly developed WM programs and teaching and training activities of the project, will be printed and distributed to potential students and WM company management. Deferent campaigns will be organized to promote newly developed study programmes through secondary school visit, in order to draw attention.	
	Due date	14-10-2018	
	Languages	Serbian	
Target groups	<input checked="" type="checkbox"/> Teaching staff <input checked="" type="checkbox"/> Students <input checked="" type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input checked="" type="checkbox"/> Other		
	<i>Staff of P11, P12, P13; any others enterprise and entity; public</i>		
Dissemination level	<input checked="" type="checkbox"/> Department / Faculty <input checked="" type="checkbox"/> Institution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input checked="" type="checkbox"/> National <input type="checkbox"/> International

Expected	Work Package and	5.6.
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Deliverable/Results/ Outcomes	Outcome ref.nr		
	Title	Training informal sectors and deprived society groups on WM	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input checked="" type="checkbox"/> Service/Product
	Description	The large target group of the project is informal sector and deprived society groups, who will be educated/trained within this project about WM issues. Their direct contact will ensure a wide exposure of the project and raise the level of environment awareness and thus progress towards environmental protection. Trainig courses will deliver staff of HEI and non-HEI PA partners.	
	Due date	15-04-2018	
	Languages	Serbian	
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students xTrainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other		
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>		
Dissemination level	xDepartment / Faculty xInstitution	xLocal <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Please copy and paste tables as necessary.

Work package type and ref.nr	QUALITY PLAN	6
Title	Quality assurance and monitoring	
Related assumptions and risks	A: Meticulous approach of both senior and junior staff to distribution and collection of questionnaires on all WaMPPP events, R: Many staff do not understand QA and hence avoid doing it.	
Description	<p>This working package comprises activities related to the project's quality plan. It will result in both internal and external quality assurance mechanisms being established and implemented.</p> <p>In line with project management methodology, this work package includes the regular organization of coordination and evaluation meetings of the project consortium in order to report on, inspect and adapt to the work organization , work plan, and budget. These meetings are intended for the monitoring and evaluation of work progress and the planning of activities and work iterations. During the project lifetime, feedback from all project members will be formally collected and published. The coordinator will ensure the consortium responds to the partners' feedback.</p> <p>In order to ensure external quality assurance, an external expert will be invited to evaluate the project deliverables. An external audit of the project will also be carried out.</p>	

Tasks	- develop and adopt the quality control mechanisms, - produce questionnaires, distribute them and analyze them - identify experts suitable for inter-project coaching, - receive and scrutinize the reports from WG Chairs, task teams, etc.		
Estimated Start Date (dd-mm-yyyy)	15-10-2015	Estimated End Date (dd-mm-yyyy)	15-07-2018
Lead Organisation	P2 and P6		
Participating Organisation	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13		

Deliverables/results/outcomes

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	6.1.	
	Title	Develop and adopt the quality control mechanisms	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event xReport <input type="checkbox"/> Service/Product
	Description	This will provide the basis for a critical overview of the project progress (in every activity and overall progress), achieved outcomes in the passed project year or. The overview will allow to plan smooth implementation of future activities, envisage problems and suggest/define (if any) changes in planned project execution in order to reach the objectives in the best possible way.	
	Due date	15-02-2016	
	Languages	English/Serbian	
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	WaMPPP Consortium and senior staff involved in the project		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	6.2.	
	Title	Conduct internal and external peer reviews in a timely manner	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	The WG chairs, as leaders of particular activities, will provide interim reports and reviews on each completed activity for Consortium and Quality Committee meetings. On the next level, staff members of project partners will provide feedback questionnaires for every activity they	

		participate in. These will be passed either to the corresponding WG chair or to the contact person of the institution.
	Due date	15-12-2015
	Languages	English/Serbian
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther	
	<i>WaMPPP Consortium and senior staff involved in the project</i>	
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional <input type="checkbox"/> National <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	6.3.	
	Title	Inter project coaching	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event x Report <input type="checkbox"/> Service/Product
	Description	Initial identification of the best available experts in QA and/or project management, followed by two sessions of passing their expertise toward key project people, who run the Quality and/or Project Management activities.	
	Due date	15-09-2016	
	Languages	English/Serbian	
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	WaMPPP Consortium and senior staff involved in the project		
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Institution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National xInternational

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	6.4.	
	Title	Analyse evaluation forms from students and company trainees	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event x Report <input type="checkbox"/> Service/Product
	Description	On the target-audience level, quality control and monitoring will be facilitated through feedback	

		questionnaires. Surveys on quality of teaching are already done for the UG students on every subject they attend. This will be expanded to the PG teaching and trainees from all target groups, in a similar format.
	Due date	15-07-2018
	Languages	Serbian
Target groups	xTeaching staff xStudents xTrainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input type="checkbox"/> Other	
	<i>If you selected 'Other', please identify these target groups. (Max. 250 characters)</i>	
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Local <input type="checkbox"/> National <input type="checkbox"/> Institution <input type="checkbox"/> Regional <input type="checkbox"/> International	

Please copy and paste tables as necessary.

Work package type and ref.nr	MANAGEMENT		7
Title	Management of the project		
Related assumptions and risks	A: There will be enough admin staff with decent English, to run the project R: Key staff of non-HEI partners may another job, jeopardizing the partner contribution.		
Description	<p>This work package comprises activities related to the project management. It will result in partnership terms and conditions being fully agreed upon, management procedures being fully established and teamwork culture being built.</p> <p>The first activity in this work package, as well as the first project activity, is preparing and holding the project kick-off meeting, organized in order for the partners to get to know each other, establish management procedures and start off the first project activities. The partners must also to negotiate and sign the partnership agreement and define and agree upon the WaMPPP project symbols and values.</p> <p>The management procedures that need to be established include using the online productivity tool Trello. This management platform will be installed and the users will be trained to use it if needed. The management teams and roles will be consolidated.</p> <p>The work package also includes the complete management and coordination of project activities on a daily basis, as well as organizing cross-functional teams' online meet-ups to review progress, obtain output, and coordinate shared work process.</p>		
Tasks	- prepare and organize consortium, workgroup and partner country level meetings, - develop and adopt project management procedures, - manage, administrate and report on the project activities.		
Estimated Start Date (dd-mm-yyyy)	15-10-2015	Estimated End Date (dd-mm-yyyy)	14-10-2018

Lead Organisation	P1 and P8
Participating Organisation	P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13

Deliverables/results/outcomes

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	7.1.	
	Title	Regular consortium, workgroup and partner countries level meetings	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	It is planned that the Quality Committee will meet twice a year, once at and once between the Consortium meetings. At all meetings an interim assessment of 6-month activities/results will be carried out.	
	Due date	14-10-2018	
	Languages	English	
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input checked="" type="checkbox"/> Other		
	<i>WaMPPP Consortium and senior staff involved in the project</i>		
Dissemination level	<input type="checkbox"/> Department / Faculty <input type="checkbox"/> Local <input type="checkbox"/> National <input type="checkbox"/> Institution <input type="checkbox"/> Regional <input type="checkbox"/> International		

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	7.2.	
	Title	Develop the project management procedures	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	It is necessary to develop the initial Project management procedures and embed them into the Grant Applicant – Partner agreements. Further procedures for tasking, reporting and financial reporting need to be developed as well. Finally, detailed rules on conflicts resolution need to be drawn up.	
	Due date	15-12-2015	
	Languages	English	
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff		

	<input type="checkbox"/> Librarians <input checked="" type="checkbox"/> Other <i>WaMPPP Consortium and senior staff involved in the project</i>
Dissemination level	<input checked="" type="checkbox"/> Department / Faculty <input type="checkbox"/> Local <input type="checkbox"/> National <input checked="" type="checkbox"/> Institution <input type="checkbox"/> Regional <input type="checkbox"/> International

Expected Deliverable/Results/ Outcomes	Work Package and Outcome ref.nr	7.3.	
	Title	Manage, administrate and report on the project activities	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input type="checkbox"/> Training material	<input type="checkbox"/> Event x Report <input type="checkbox"/> Service/Product
	Description	Periodic progress reports (aggregated from reports on smaller jobs) on project activities are written, discussed and presented to the Consortium for adoption.	
	Due date	14-10-2018	
	Languages	English	
Target groups	<input type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input type="checkbox"/> Trainees <input type="checkbox"/> Administrative staff <input type="checkbox"/> Technical staff <input type="checkbox"/> Librarians xOther		
	WaMPPP Consortium and senior staff involved in the project		
Dissemination level	xDepartment / Faculty xInstitution	<input type="checkbox"/> Local <input type="checkbox"/> Regional	xNational xInternational

Please copy and paste tables as necessary.

H.2. Explanation of work package expenditures

Please explain what costs will be associated to each work package and covered by lump sums, flat rates, unit costs, and real costs. Provide information on the travels necessary to complete the workpackage. Detailed information on each travel must be indicated in the Budget Excel table. If purchase of equipment is required, explain how the respective equipment addresses the needs identified in the project. Remember that the specification of each item, including the partner country university/ies at which equipment will be installed, must be detailed in the Budget Excel table. If any subcontracting is considered necessary for the implementation of the project, please explain why the task cannot be performed by the consortium members themselves (limit 3000 characters).

The project has seven WPs and there is an appropriate amount of funding allocated to each in accordance to the scope of activities. All project partners of the WaMPPP consortium will be included in realization of all activities. Project activities are chronologically and logically arranged, as explained in detail in the previous parts. The preparatory activities will be realized within WP1. The significance of this package lies in its outcomes - defining the framework for the development of new programmes and the modernization of the existing ones. The amount of 39,914€ for staff costs is planned for the realization of WP1. The lead partners will be P1, P9, which is why the funding allocated to these two is greater than that of others. For the realization of this package, 3,360€ is allocated for the 8 mobilities of teaching staff within PA country, whereas 8,500€ is being allocated for equipment costs, mostly ICT equipment for admin/finance staff who will help in starting the project.

WP2 and WP3 cover the development of activities, whereas the implementation is planned for realization within WP4. Majority of generic and specific project outcomes will be achieved through realization of planned activities within these three packages. These three packages consist of 12 activities, for which the greatest chunk of the budget is allocated: 197,858 € for staff costs, 142,135€ for travel/stay costs and 217,500€ for equipment, as well as 24,000€ for sub-contracting costs (printing and publishing). This is in accordance with the importance of defined goals and volume of work.

The lead partners for WP2 are P2, P7. For WP3 they are P4, P6, and for WP4, the lead partners are P3, P7. These leaders will have strong support from P1. This leadership is the reason these partners have a greater funding for staff costs and mobilities allocated for them. WP2 contains the most mobilities of staff: 21 staff mobility from PR to PAS, 103 from RS to EU, 15 student mobilities from RS to EU and 48 mobilities within RS.

The dissemination and exploitation activities are within WP5, where all achieved results will have their full promotion. The lead partners are P5, P10 with strong support of P1. Modern promo materials with strong ICT backup will reach a wide audience. The established laboratories will provide a strong support to WM industry. Training courses of employees and informal sectors as well as several campaigns are planned too. Therefore 45,710€ is planned for this WP for staff cost, 26,965€ for mobilities (2 teaching staff mob. from PR to PA, 18 staff PA to PR, 27 mob. within RS, 6,000€ for equipment and 6,000 for sub-contracting costs. P1 will develop at least 2 Android educative applications for the purpose of promoting results.

WP6 covers issues about the quality of the project. The lead partners are P2, P8, with strong support from P12, P1. Staff costs of 20631€ are planned for this WP. The themes and topics of this WP will be discussed at the consortium and regional meetings, hence there are no planned cost for mobilities in this WP. Management of the project within WP7 will be led by P1, overseen by P7, P8 and supported by P2, P11, P13. Four Consortium meetings are planned, three in PA and one in PR (Slovenia). For the successful realization of WP7, 23391€ is planned for staff costs and 54470€ for mobilities (30 staff PR to PA, 14 staff PA to PR, 8 staff PR to PR, and 30 PA to PA).

*If your project involves a **Special Mobility Strand**, please explain what support will be required under each budget heading in order to cover organisational costs (such as special needs, exceptional, non-online linguistic support, etc.) (limit 2000 characters).*

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H.3 Consortium partners involved and resources required to complete the work package

Indicative input of consortium staff - The total number of days per staff category should correspond with the information provided in the budget tables.

Work Package Ref.nr	Partner nr	Partner acronym	Country	Number of staff days ¹					Role and tasks in the work package
				Category 1	Category 2	Category 3	Category 4	Total	
PREPARATION	P1	VTSNIS	Serbia	12	40	20	10	82	Lead partner, organising activities for PA partners and preparation of six reports
	P2	VTSNS	Serbia	3	30	10	2	45	Preparation of activities 1.1, 1.3, 1.4, 1.5, 1.6
	P3	CATAR	Serbia	3	30	10	2	45	Preparation of activities 1.1, 1.3, 1.4, 1.5, 1.6
	P4	VISER	Serbia	3	30	10	2	45	Preparation of activities 1.1, 1.3, 1.4, 1.5, 1.6
	P5	POLYBG	Serbia	3	30	10	2	45	Preparation of activities 1.1, 1.3, 1.4, 1.5, 1.6
	P6	TUC	Greece	3	20	2	2	27	Preparation and realization of activities 1.1, 1.4
	P7	UKLO	FYRM	3	20	2	2	27	Preparation and realization of activities 1.1, 1.5
	P8	FSUM	Slovenia	3	20	2	2	27	Preparation and realization of activities 1.4, 1.5
	P9	VSB TUO	CZ	6	30	5	5	46	Lead partner; organizing activities for PR partners and preparation of six reports
	P10	ATEITH	Greece	3	20	2	2	27	Preparation and realization of activities 1.1, 1.6
	P11	EER	Serbia	1	4	1	1	7	Preparation and realization of activities 1.3, 1.5
	P12	PWW	Serbia	1	4	1	1	7	Preparation and realization of activities 1.3, 1.5
	P13	PHI	Serbia	1	4	1	1	7	Preparation and realization of activities 1.3, 1.5
SUBTOTAL				45	282	76	34	437	
DEVELOPMENT	P1	VTSNIS	Serbia	6	120	20	10	156	Organisation and realisation of activities 2.1-2.5

¹ Please see Programme Guide, Part B for your action, Table A – Project Implementation (amounts in Euro per day) Programme Countries and Table B - Project Implementation (amounts in Euro per day) Partner Countries.

	P2	VTSNS	Serbia	12	100	30	10	152	Lead partner; Organization and development of topics and themes of activities 2.1-2.5
	P3	CATAR	Serbia	6	100	20	2	128	Development of topics and themes of activities 2.1-2.5
	P4	VISER	Serbia	6	100	20	2	128	Development of topics and themes of activities 2.1-2.5
	P5	POLYBG	Serbia	6	100	20	2	128	Development of topics and themes of activities 2.1-2.5
	P6	TUC	Greece	3	40	2	1	46	Organization of activity 2.1, development of topics and themes of activities 2.3 and 2.5
	P7	UKLO	FYRM	3	50	2	1	56	Organization of activity 2.1, development of topics and themes of activities 2.3 and 2.5
	P8	FSUM	Slovenia	6	50	5	2	63	Organization of activity 2.1, development of topics and themes of activities 2.3 and 2.5
	P9	VSB TUO	CZ	3	40	2	1	46	Organization of activity 2.1, development of topics and themes of activities 2.3 and 2.5
	P10	ATEITH	Greece	3	40	2	1	46	Organization of activity 2.1, development of topics and themes of activities 2.3 and 2.5
	P11	EER	Serbia	1	20	1	1	23	Organization of activities 2.1, and development of topics and themes of activities 2.2 and 2.3
	P12	PWW	Serbia	1	20	1	1	23	Organization of activities 2.1, and development of topics and themes of activities 2.2 and 2.3
	P13	PHI	Serbia	1	20	1	1	23	Organization of activities 2.1, and development of topics and themes of activities 2.2 and 2.3
	SUBTOTAL			90	684	162	74	1010	
DEVELOPMENT	P1	VTSNIS	Serbia	12	60	20	10	102	Development of topics and themes of activities 3.1-3.4, assisting lead partners
	P2	VTSNS	Serbia	6	45	20	2	73	Development of topics and themes of activities 3.1-3.4
	P3	CATAR	Serbia	6	45	20	2	73	Development of topics and themes of activities 3.1-3.4
	P4	VISER	Serbia	12	60	20	2	94	Lead partner; development of topics and themes

									of activities 3.1-3.4
	P5	POLYBG	Serbia	4	45	20	2	71	Development of topics and themes of activities 3.1-3.4
	P6	TUC	Greece	6	35	2	1	44	Lead partner; development of topics and themes of activities 3.1-3.3
	P7	UKLO	FYRM	3	20	2	1	26	Development of topics and themes of activities 3.1-3.4
	P8	FSUM	Slovenia	3	20	2	1	26	Development of topics and themes of activities 3.1-3.4
	P9	VSB TUO	CZ	3	20	2	1	26	Development of topics and themes of activities 3.1-3.4
	P10	ATEITH	Greece	3	20	2	1	26	Development of topics and themes of activities 3.1-3.4
	P11	EER	Serbia	1	30	1	1	33	Development of topics and themes of activity 3.3
	P12	PWW	Serbia	1	30	1	1	33	Development of topics and themes of activity 3.3
	P13	PHI	Serbia	1	30	1	1	33	Development of topics and themes of activity 3.3
SUBTOTAL				61	460	113	26	660	
DEVELOPMENT	P1	VTSNIS	Serbia	6	50	30	5	91	Assisting lead partner and implementation of results of activities 1.6, 2.5, and accreditation procedures
	P2	VTSNS	Serbia	6	50	30	5	91	Implementation of results of activities 1.6, 2.5, and accreditation procedures
	P3	CATAR	Serbia	12	50	30	5	97	Lead partner; implementation of results of activities 1.6, 2.5, and accreditation procedures
	P4	VISER	Serbia	6	40	30	2	78	Implementation of results of activities 1.6, 2.5, and accreditation procedures
	P5	POLYBG	Serbia	6	40	30	2	78	Implementation of results of activities 1.6, 2.5, and accreditation procedures
	P6	TUC	Greece	3	40	2	1	46	Consultative role in realisation of activities 4.1-4.3
	P7	UKLO	FYRM	6	20	5	5	36	Consultative role in realisation of activities 4.1-4.3

	P8	FSUM	Slovenia	3	10	2	1	16	Consultative role in realisation of activities 4.1-4.3
	P9	VSB TUO	CZ	3	20	2	1	26	Consultative role in realisation of activities 4.1-4.3
	P10	ATEITH	Greece	6	20	2	1	29	Lead partner; consultative role in realisation of activities 4.1-4.3
	P11	EER	Serbia	1	15	1	1	18	Realisation of activity 4.2
	P12	PWW	Serbia	1	15	1	1	18	Realisation of activity 4.2
	P13	PHI	Serbia	1	15	1	1	18	Realisation of activity 4.2
SUBTOTAL				60	385	166	31	642	
DEVELOPMENT SUBTOTAL				211	1529	441	131	2312	
QUALITY PLAN	P1	VTSNIS	Serbia	6	12	5	5	28	Assisting lead partner, realization of activities 6.1-6.4
	P2	VTSNS	Serbia	18	18	5	5	46	Lead partner; organization and realization of activities 6.1-6.4
	P3	CATAR	Serbia	6	12	2	2	22	Realization of activities 6.1-6.4
	P4	VISER	Serbia	6	12	2	2	22	Realization of activities 6.1-6.4
	P5	POLYBG	Serbia	6	12	2	2	22	Realization of activities 6.1-6.4
	P6	TUC	Greece	6	6	2	1	15	Lead partner; organization and realization of activities 6.1-6.4
	P7	UKLO	FYRM	4	6	2	1	13	Realization of activities 6.1-6.4
	P8	FSUM	Slovenia	4	6	2	1	13	Realization of activities 6.1-6.4
	P9	VSB TUO	CZ	4	6	2	1	13	Realization of activities 6.1-6.4
	P10	ATEITH	Greece	4	6	2	1	13	Realization of activities 6.1-6.4
	P11	EER	Serbia	1	1	1	1	4	Realization of activities 6.1-6.4
	P12	PWW	Serbia	1	1	1	1	4	Realization of activities 6.1-6.4
	P13	PHI	Serbia	1	1	1	1	4	Realization of activities 6.1-6.4
SUBTOTAL				67	99	29	24	219	
DISSEMINATION & EXPLOITATION	P1	VTSNIS	Serbia	6	60	40	5	111	Assisting lead partners, realization of activities 5.1-5.6

	P2	VTSNS	Serbia	6	60	40	5	111	Realization of activities 5.1-5.6
	P3	CATAR	Serbia	6	50	15	2	73	Realization of activities 5.1-5.5
	P4	VISER	Serbia	6	50	15	2	73	Realization of activities 5.1-5.5
	P5	POLYBG	Serbia	12	70	15	5	102	Lead partner; realization of activities 5.1-5.6
	P6	TUC	Greece	2	4	2	1	9	Realization of activities 5.1, 5.2
	P7	UKLO	FYRM	2	4	2	1	9	Realization of activities 5.1, 5.2
	P8	FSUM	Slovenia	2	4	2	1	9	Realization of activities 5.1, 5.2
	P9	VSB TUO	CZ	2	4	2	1	9	Realization of activities 5.1, 5.2
	P10	ATEITH	Greece	12	8	2	1	23	Lead partner; realization of activities 5.1-5.6
	P11	EER	Serbia	1	10	2	1	14	Realization of activities 5.4-5.6
	P12	PWW	Serbia	1	10	2	1	14	Realization of activities 5.4-5.6
	P13	PHI	Serbia	1	10	2	1	14	Realization of activities 5.4-5.6
	SUBTOTAL			59	344	141	27	571	
MANAGEMENT	P1	VTSNIS	Serbia	40	10	5	30	85	Lead partner; organization and realisation of activities 7.1-7.3
	P2	VTSNS	Serbia	10	5	2	10	27	Assisting lead partner, realization of activities 7.1-7.3
	P3	CATAR	Serbia	5	5	2	10	27	Realization of activities 7.1-7.3
	P4	VISER	Serbia	5	5	2	10	22	Realization of activities 7.1-7.3
	P5	POLYBG	Serbia	5	5	2	10	22	Realization of activities 7.1-7.3
	P6	TUC	Greece	5	2	1	5	13	Realization of activities 7.1-7.3
	P7	UKLO	FYRM	10	5	1	5	21	Lead partner; organization and realization of activities 7.1-7.3
	P8	FSUM	Slovenia	10	5	1	5	21	Assisting lead partner, realization of activities 7.1-7.3
	P9	VSB TUO	CZ	5	2	1	5	13	Realization of activities 7.1-7.3
	P10	ATEITH	Greece	5	2	1	5	13	Realization of activities 7.1-7.3
	P11	EER	Serbia	1	1	1	2	4	Realization of activities 7.1-7.3

	P12	PWW	Serbia	1	1	1	2	4	Realization of activities 7.1-7.3
	P13	PHI	Serbia	1	1	1	2	4	Realization of activities 7.1-7.3
SUBTOTAL				103	49	21	101	276	
TOTAL				485	2303	708	317	3813	

Please insert rows as necessary

Subcontracting of tasks to external bodies should be very occasional. The specific competences and particular expertise needed to reach the project objectives should be found in the consortium and should determine its composition. Subcontracting is intended for specific, time-bound, project-related tasks which cannot be performed by the Consortium members themselves.

Tasks that will be subcontracted:

Work Package Ref.nr	Partner responsible for sub-contracting (Acronym)	Country	Number of days (where appropriate)	Brief description of task
WP1	VTSNIS	Serbia	-	Printing and publishing of reports produced within WP1
WP2	VTSNIS, VTSNS, CATAR, POLYBG, VISER	Serbia	-	Printing and publishing of teaching and training materials, for students of P1, P2, P3, P4, P5, and employees of P11, P12, P13
WP3	VTSNIS	Serbia	-	Web hosting fees for the interactive ICT practical training platform
WP5	VTSNIS, VTSNS, CATAR, VISER, POLYBG	Serbia	-	Production, printing and publishing of diverse promotional material (flyers, leaflets, brochures, enrolment brochures, freshmen's manuals, pens, etc.)
WP6	TUC, VTSNIS	Greece, Serbia	-	External quality audit, inter-project coaching with an emphasis on Quality Planning and Project Management, exchanging experience with similar projects, three mobilities.
WP7	VTSNIS	Serbia	-	External financial audit, as required per Erasmus+ rules, inter-project coaching with an emphasis on Quality Planning and Project Management, exchanging experience with similar projects, three mobilities.

Please insert rows as necessary.

PART I – Special Mobility Strand

Applies *ONLY* to cooperation projects with partner countries from REGIONS 1, 2 and 3

Projects may organise mobility activities of students, researchers and staff so far as they support/complement the other activities of the **Capacity Building** project and bring added value in the realisation of the project's objectives. Mobility activities do not constitute the main activities for Capacity Building.

I.1. Relevance of mobility activities

Please describe what kind of mobility activities are foreseen in the Special Mobility Strand, what are their objectives and expected results. Explain how the mobility activities of students, researchers and staff support/complement the other activities of the Capacity Building and bring added value in the realisation of the project's objectives (limit 3000 characters).

I.2. Identification and selection of the participants

Please describe the procedures set up for identification and selection of participants for the mobility activity (limit 1000 characters).

I.3. Preparation and support

Please describe the structure for preparation of the participants for the mobility activity, including specific training or course, linguistic preparation etc. Please explain the support provided in terms of accommodation, insurances, etc. Please explain the quality measures set up in the sending and receiving organisations for monitoring the mobility activity and measures to be taken if the results foreseen are not met (limit 2000 characters).

I.4. Involvement of people with fewer opportunities

Does your project involve people with fewer opportunities? ☐ YES ☐ NO

IF YES, how many participants coming from which countries and organisations would fall under this category? Specify the type of situation of fewer opportunities these participants are facing (limit 2000 characters).

Please explain the nature of the support required and how it will be addressed, so that these persons can fully engage in the foreseen activities (limit 1000 characters).

I.5. Recognition and validation of learning outcomes

Please explain how the project intends to recognise and validate the teaching and/or learning outcomes of the participants (limit 1000 characters).

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PART J - OTHER EU GRANTS

Please list the **projects** for which the organisations involved in this application have received financial support from EU programmes.

Programme or initiative	Reference number	Beneficiary Organisation	Title of the Project
TEMPUS	158781-TEMPUSRS-TEMPUSJPHEs	The School of Higher Technical Professional Education in Novi Sad - VTSNS	Occupational safety and health - degree curricula and lifelong learning.
TEMPUS	517153-TEMPUS-2011-1-DETEMPUS-JPGR	Bielefeld University Faculty of Sociology (VTSNIS is a partner)	CONGRAD: Conducting graduate surveys and improving alumni services for enhanced strategic management and quality improvement.
TEMPUS	517200-TEMPUS-1- 2011-1-BETEMPUS-SMGR	Catholic University College Gent (VTSNIS is a partner)	Establishing and capacity building of the Southern Serbian Academy and the National Conference for Vocational Higher Education.
TEMPUS	530577-TEMPUS-1- 2012-1-RSTEMPUS-JPCR	University of Nis (VISER is a partner)	Improvement of product development studies in Serbia and Bosnia and Herzegovina.
TEMPUS	544108-TEMPUS-1-2013-1-RSTEMPUS-JPHES	School of Electrical Engineering and Computer Science of applied studies (VISER)	Development of higher education and society by creating a collaborative environment in the field of arts and media through regional student partnership in production of audio/video content
TEMPUS	517022-TEMPUS-1-2011-1-RSTEMPUS-JPCR	School of Electrical Engineering and Computer Science of applied studies (VISER)	Innovation and Implementation of the Curriculum Vocational Studies in the Field of Digital Television and Multimedia
TEMPUS	530155-TEMPUS-1-2012-1-EE-TEMPUS-JPCR	University of Belgrade (TUC is a partner)	INCOMING: Interdisciplinary Curricula in Computing to Meet Labour Market Needs
TEMPUS	544903-TEMPUS-1-2013-1-RS-Tempus-SMRG	National Council of Higher Education, Serbia (TUC is a partner)	RODOS: Restructuring Doctoral Studies in Serbia
TEMPUS	158926-TEMPUS-1-2009-RS-TEMPUS-SMRG	University of Novi Sad (TUC was a partner)	GOMES: Governance and Management Reform in Higher Education in Serbia.
TEMPUS	511332-TEMPUS-2011-RS-SMRG	University of Belgrade (TUC was a partner)	SIGMUS: Strengthening Student Role in Governance and Management at the Universities of Serbia in line

			with the Bologna Process
SCEMIN	SM_SCM-C007B05-2005	University of Belgrade – Technical University of Crete	SCEMIN: Structuring and Complementing Continuing Education in Medical Informatics in Serbia and Montenegro
TEMPUS	UM-JEP-15058-2000	Faculty of Technical Sciences, UKLO	Implementation of ECTS at the University St. Kliment Ohridski - Bitola
TEMPUS	JEP-16155-2002	University STS Cyril and Methodius of Skopje(UKLO was a partner)	Virtual Digital Library and Digitalization as a part of DES (Distance Education System)
TEMPUS	SCM C006B03-2003	University STS Cyril and Methodius of Skopje (UKLO was a partner)	Exchange of best practices in establishing ECTS
TEMPUS	SCM C032B06 -2005	Slovak Academic Association for International Cooperation (UKLO was a partner)	West Balkan Bologna Promoters Network
TEMPUS	SM-145165-2008	Linköping University, (UKLO was a partner)	Designing and Implementing of the NQF
TEMPUS	SM-158999-2009	University of Alicante, (UKLO was a partner)	Strengthening Quality Assurance System within Western Balkans HEI's in Support of National and regional Planning
TEMPUS	JP-144650-2008	University of Florence - UNIFI (UKLO was a partner)	Video Conferencing Educational Services
TEMPUS	JP-158714-2009	Universidad de Lleida, Espana (UKLO was a partner)	Improving Academia-Industry Links in Food Safety and Quality
TEMPUS	JP-159143-2009	Faculty of Biotechnical Sciences	Using local resources for micro-regional development sustainable agribusiness and tourism in the southern Balkans
TEMPUS	JP-158644-2009	Faculty of Technical Sciences	Development of Regional Interdisciplinary Mechatronics Studies
TEMPUS	JP-145061-2008	Faculty of Economics	Entrepreneurship and Local Economic Development in AL, XK and MK
TEMPUS	JEP-41019-2006	UKLO	Promoting a Model of Integrated University in the FYR of Macedonia
TEMPUS	JEP-41077-2006	Faculty of Economics	Joint Master for South-East Europe in Economics and Management Science Program

FP7	AGREEMENT No. 219120 (2008 - 2012)	Faculty of Technical Sciences	Testing Innovative Strategies For Clean Urban Transport For Historic European Cities,
TEMPUS	511342 – TEMPUS-1-2010-1-UK-TEMPUS-JPGR	Faculty of Technical Sciences	InnovationandKnowledgeManagementTowardse-StudentInformationSystem
TEMPUS	511001-TEMPUS-1-2010-IT-TEMPUS-JPCR	Faculty of Technical Sciences	DevelopmentofEnvironmental andResourcesEngineeringLearning
Research Cooperation and Networking between Austria, Kosovo and the Western Balkan Region	HIGHER KOS project, 2013	Faculty of Technical Sciences	Technology for Sustainable Automation of Energy-Systems (TSAES)
Operative Integrated Programme of the Abruzzio Region, Italy (2004-2006)	Faculty of Technical Sciences		Applied research and instruction in bioengineering
INTERREG IIIA program (2004-2007)	Faculty of Technical Sciences		Cross border cooperation between universities and educational institutes in the field of natural disasters and environmental education
Project financed by the British Embassy in Skopje (2011-2013)	Ministry of Education and Sciences	Project financed by the British Embassy in Skopje	Building the capacity of the Ministry of Education to better enforce recognition of Professional Qualifications in line with EU reforms
Transnational Cooperation Programme MED.	2G_MED09_291	ENEA	MEID-Mediterranean Eco Industrial Development
National Strategic Reference Framework, Programm Synergasia 2011	11_SYN_8_1084	ATEITH	New processes for fouling control in membrane bioreactors
National Strategic Reference Framework, Programm Synergasia 2011	11_SYN_8_699	ATEITH	Integrated treatment of high molasses wastewater for recover of high added value products and reduction of pollutants loading
Transnational Cooperation Programme MED.	2G_MED09_445	Aristotle University of Thessaloniki	WATERLOSS: Managementofwaterlossesina drinkingwatersupplysystem,
Programme EQUAL	GR-232216	ARVIS SA	Social and professional reinstatement of people with disable and greek gypsies through recycling programme for waste from electric and electronic equipment in

			Greece
Greek General Secretariat of Research and Technology: Greek-Albania cooperation project	-	ATEI WM	Application of physicochemical and ecotoxicological analysis for the assessment of water quality at Prespa lakes
LIFE ENVIRONMENT	LIFE99 ENV/GR/000590	ANATOLIKI SA	Wastewater Reuse ; Guideline Development Pilot Artificial Recharging Of Aquifers Through Direct Injection And Irrigation For Seawater Intrusion Control Within The Framework Of Integrated And Sustainable Water Management
Erasmus Thematic Network	226032 - CP - 1 - 2005 - 1 - PT - ERASMUS - TN	CatholicUniversityofPortugal	«ISEKI_Food 2- Integrating Safety and Environment Knowledge InFood towards European Sustainable Development.
Erasmus Thematic Network	55792-CP-3-00-1-FR-ERASMUS-ETN	CatholicUniversityofPortugal	«ISEKI-Food: IntegratingSafetyandEnvironmentalKnowledgeIntoFoodStudies towardsEuropeanSustainableDevelopment
Erasmus Thematic Network	518415-LLP-1-2011-1-IT-Erasmus-ENW	Università degli Studi di Teramo	ISEKI_Food 4 -Towards the innovation of the food chain through innovation of education in Food Studies
EUREKA PROJECT	Eureka - E! 4206	University of Maribor	Advanced technologies in landfill leachate management
EUREKA PROJECT	Eureka - E! 5851	University of Maribor	SUSTAINABLE MATERIALS AND PRODUCTS FROM POULTRY FEATHERS
Erasmus	15258 CD-DIP 2009	Many benefitors	Conceptual Design and Development of Innovative Products (CD-DIP)
Erasmus	19271 518325-LLP-1-2011-1-FI-ERASMUS-FEXI	Many benefitors	Evropská síť automatizačních zdrojů European Automation Resource Network
Erasmus	21821 13203-1055/BRATISL03	Many benefitors	DOCs on the Move
FP7	FP7-NMP-2007-LARGE-1	Many benefitors	Early Recognition, Monitoring and Integrated Management of Emerging, New Technology Related Risks
FP7	FP7-INFRASTRUCTURES-2011-2	Many benefitors	2nd-Generation Open Access Infrastructure for Research in Europe
FP7	FP7-PEOPLE-2009-	Many benefitors	Optical spectroscopy of

	IEF		Heusler compounds
FP7	FP7-NMP-2007-LARGE-1	Many benefitors	Future Industrial Model for SMEs
FP7	FP7-INFRASTRUCTURES-2010-2	Many benefitors	PRACE - First Implementation Phase Project
FP7	FP7-REGIONS-2008-1	Many benefitors	CERADA – Central European Research And Development Area
FP7	FP7-ICT-2013-10	Many benefitors	EXascale Algorithms and Advanced Computational Techniques
FP7	FP7-INFRASTRUCTURES-2012-1	Many benefitors	PRACE - Third Implementation Phase Project
FP7	FP7-PEOPLE-2012-ITN	Many benefitors	The development of in silico process models for roll compaction
FP7	FP7-INFRASTRUCTURES-2011-2	Many benefitors	PRACE - Second Implementation Phase Project
H2020	H2020-EINFRA-2014-1	Many benefitors	Open Access Infrastructure for Research in Europe 2020
FP7	FP7-INFRASTRUCTURES-2009-1	Many benefitors	Open Access Infrastructure for Research in Europe
FP7	FP7-ICT-2013-10	Many benefitors	Harnessing Performance Variability
FP7	FP7-SEC-2007-1	Many benefitors	Intelligent Information System Supporting Observation, Searching and Detection for Security of Citizens in Urban Environment
BASNET	N/A	N/A	Assessment of the Institute of Public Health Network in Serbia
EUROHEALTH		EUROHEALTH group	Support to the Public Health Development
EPTISA 2004			Strengthening the Services of Public Health Laboratories
EPTISA 2005			Strengthening the Services of Public Health Laboratories

Please insert rows as necessary.

Please list **other grant applications** submitted by your organisation, or by any partner organisation in this project proposal. For each grant application, please mention the EU Programme concerned and the amount requested.

Programme concerned	Beneficiary Organisation	Amount requested

Please insert rows as necessary.

CHECK LIST

Please make sure that you fully completed each part of this application form, as follows:

- X PART D - Quality of the project team and the cooperation arrangements
- X PART E - Project characteristics and relevance
- X PART F - Quality of the project design and implementation
- X PART G - Impact, dissemination and exploitation, sustainability
 - X Logical Framework Matrix
 - X Workplan
- X PART H - Work packages
- ☐ PART I – Special Mobility Strand (where applicable)
- X PART J - Other EU Grants