

Work package type and ref.nr	PREPARATION		1
Title	New interdisciplinary model for BSc & MSc programs of architectural engineering practical-oriented education for Sustainability of Architectural Heritage		
Related assumptions and risks	<p>Assumptions:</p> <ul style="list-style-type: none"> • Confirmation of the interest of the Ministry of Education and Science to pursue the policy of full adoption of the Bologna process requirements, with specific reference to the QA. • Awareness of the importance to promote modernisation and to enhance the quality of their curricula to increase their comparability and transparency on Sustainability for Architectural Heritage by partner Universities. • Partners, motivated for active participations • Successful acquisition and transfer of know-how from EU member states to RF, Armenia and Iran • High interest of Ministry of Education and Science - RF, Armenia and Iran <p>Risks:</p> <ul style="list-style-type: none"> • Political instability and economic crisis in RF, Armenia or Iran (timely sharing or the project results and coordination with redistribution of project tasks in accordance with the situation in the relevant country) • Weak development of network infrastructure beyond the borders of large cities (strong networking between partners, frequent coordination and quality meetings) • Delay in the equipment delivery (temporary leasing of webinar site) • The conservative part of public officials and the reluctance to introduce new management techniques • Lack of high-quality specialists in the field of engineer support of IT infrastructure. 		
Description	<p>Modernization and tuning of learning outcomes of two cycles (Master and Bachelor) of competence-based curricula for Sustainability for Architectural Heritage</p> <p>Initial coordination meeting will be held in Moscow (P5). Project operatives will plan additional specification and rectification. All consortium members will sign a memorandum, regulating the overall work plan and specify the plan for the first year of the project.</p> <p>The academic staff from the consortium universities will make a draft list of competencies and learning outcomes for a new type of architect-restorers for Sustainability for AH. The consortium also includes associated members - representatives of employers and professional associations in the field of restoration and architectural heritage. 32 senior managers trip to EU universities (P1-P3) with benchmarking review of existed standards and knowledge. Of particular note is the role of P12, as it has the practical experience on the organization of interaction of the enterprises and universities. It is very important for the project.</p> <p>Partner universities in RF, Armenia and Iran carry out a survey among the associated members, employers and graduates on the importance and quality of</p>		

	<p>teaching of general and professional competencies and learning outcomes. The lists of professional competences and sample curricula (BSc and MSc) will be worked out as a result in order to teach architect-restorers with strong skills in Historic BIM and Historic Urban Landscape Heritage. These results will be discussed in the seminar in P2. Also, a SWOT analysis of methods of training of innovative thinking and entrepreneurial skills in sphere of Sustainable development for Architectural Heritage will be carried out at this seminar. The workshop will take a few days. The seminar will be divided into two brainstorming session in order to determine and thus develop the knowledge core modules and design the curricula structure. P12 and representatives of associated partners will assume the evaluation of the quality of the developed programs and modules. New curricula for BSc and MSc will be developed, published and distributed to principals and educational leaders. The model of architect-restorers education will be rethought to increase awareness and respond to new technological changes. A set of courses meeting both academic and enterprise demands in competences of architect-restorers is to be developed. To organize competitive selection of RF, Armenian and Iranian teachers for training in EU universities it is planned to use such criteria as professional qualification level, active participation in university academic activity, good knowledge of one or two foreign languages, mastering of information technologies and personal participation in the project work. 32 teachers will have intensive training in EU with aim to study pedagogical experience of EU universities, EU QAS, new methods of practice-oriented training, methods of organization of work on the project of student teams and the methods of interaction with enterprises.</p>		
Tasks	<p>1. Review, tuning and modernization of the existing curricula of two cycles (BSc, MSc): SWOT analyses of methods of training of innovative thinking and entrepreneurial skills in the sphere of sustainable development for architectural heritage; full list of competences with their short descriptions; modernization of the existing curricula of two cycles (BSc, MSc) at PU 2. Recommendations for integrating of the new courses into the BSc or MSc Programs at PU</p>		
Estimated Start Date (dd-mm-yyyy)	01-01-1 st year	Estimated End Date (dd-mm-yyyy)	30-06-2 ^d year
Lead Organisation	P2, P9		
Participating Organisation	All consortium partners (P1-P12)		
Costs <i>Please explain the necessary costs for this WP: What travels are necessary? If equipment is requested, explain why it is required. If subcontracting is necessary, explain why the task cannot be performed by the</i>	Will be needed: Staff costs 29.930EUR for competence analysis research Travel costs 13.930EUR for the trip of the managers Costs of stay 12.600EUR accommodation and etc during trips		

| *partner.* |
