PROJECT PRESENTATION

1.	**Program Title**	ERASMUS+
2.	**Call Title**	EAC/A04/2014
3.	**Project Title**	Master Degree in Innovative Technologies in Energy Efficient Buildings for Russian and Armenian Universities and Stakeholders -MARUEB
4.	**Project ID**	2015-3241/001-001-561890-EPP-1-2015-I-IT-EPPKA2-CBHE-JP
5.	**Project coordinator/ manager**	Prof. Minea Alina – Partener - SIM
6.	**Consortium (if any)**	1. Università degli Studi di Genova - Genova, Italy 2 URAL FEDERAL UNIVERSITY n.a. BORIS ELTSIN, Russian Federation 3 ST. PETERSBURG POLYTECHNIC UNIVERSITY, Russian Federation 4 TAMBOV STATE TECHNICAL UNIVERSITY, Russian Federation 5 VORONEZH STATE UNIVERSITY OF ARCHITECTURE AND CIVIL ENGINEERING, Russian Federation 6 SOUTH URAL STATE UNIVERSITY, Russian Federation 7 NATIONAL POLYTECHNIC UNIVERSITY OF ARMENIA, Armenia 8 AMERICAN UNIVERSITY OF ARMENIA, Armenia 9 "GEORGE ASACHI" TECHNICAL UNIVERSITY OF IASI, Romania 10 SLOVAK UNIVERSITY OF BRATISLAVA, Slovakia 11 SECONDA UNIVERSITÀ DEGLI STUDI DI NAPOLI, Italy 12 KAUNAS UNIVERSITY OF TECHNOLOGY, Lithuania

		13 ENGINEERING ACADEMY OF ARMENIA NGO, Armenia 14 AE CONSULTING, Armenia 15 MINISTRY OF EDUCATION AND SCIENCE OF ARMENIA, Armenia 16 TICASS CONSORTIUM, Italy 17 EUROPEAN CIVIL ENGINEERING EDUCATION AND TRAINING ASSOCIATION, Belgium 18 ATOMSTROYKOMPLEX, Russian Federation 19 CENTER OF CONSTRUCTION EXPERTISE, Russian Federation 20 URALPROEKTDUBRAVA, Russian Federation
7.	**Project budget – Total value (Lei/Euro)**	912.000,00 euro
8.	**Project budget – TUIASI value (Lei/Euro)**	119.899,00 lei
9.	**Implementation period**	2015-2018
10.	**Main objective/s**	The overall objective of this project is the establishment and development of a new Master of Science study-programme on "ENVIRONMENTAL PROTECTION AND ENERGY EFFICIENT BUILDINGS", otherwise called Sustainable Buildings, in five outstanding AM & RU Universities with affiliation of other two RU Universities, according to features and learning outcomes that will lead graduates to be involved in environmental and "green buildings" technological issues. Specific objectives: • To create flexible, efficient and high-quality M.Sc. programmes in Environmental Protection and Energy Efficient Buildings (EEB), providing graduates with good employment perspectives, by means of development of Master Course (MC) in three Russian Universities (Yekaterinburg, S. Petersburg and Tambov) and two Armenian Universities (AMU), having different training directions, with courses affiliation in other 2 Russian Universities (RUU), Chelyabinsk affiliated to Yekaterinburg and Voronezh affiliated to Tambov. • To support the curricular reform process and to improve the capability of the ARU teaching staff to meet labour

		market demands and to direct teaching offer towards problem solving of identified environmental problems • To ensure the mainstreaming of the improved educational elements and their exploitation beyond the project lifecycle by different dissemination actions. • To enrich the adaptability to the labour market requirements and the mainstreaming process of the reformed curricula by networking among Universities and stakeholders. • To spread, promote and enhance the approach towards the EU «20-20-20 targets» policy referred to Environmental Protection and Energy Saving.
11.	**Project activity/es**	1.1 Definition of the Master team at project and at partner university level. Survey on the current overall academic frameworks at ARU. 1.2 Design of the study-programmes according to the EU dimension by seminars in EU and ARU delivered by EU senior teaching staff and academic decision-makers. 1.3 Curricula and courses development by ARU-EU teachers on-line consultation. Revision by stakeholders. 2.1 Intensive retraining course in EU Universities and Institutions attended by ARU junior teaching staff. 2.2 Internship of the junior teaching staff in local stakeholders' institutions. • 3.1 Setting up of the Didactical Laboratories and of the support units in each of the Armenian and Russian Universities. 3.2 Making of 9 (nine) new textbooks to be adopted by the reformed Master Courses. Printing, publishing and distribution of new textbooks. 3.3 Delivering of the first Academic Year of the Master Course. 4.1 Internal monitoring by the Management Board team. 4.2 External quality control by the Evaluation Board members. 4.3. External audit on financial statements. 5.1 Project web site for coordination issues and Master Courses links. 5.2 Intermediate events and Induction Days. 5.3 Final Dissemination Conference on project results. 6.1 Consultation among ARU and stakeholders' institutions on the MARUEEB Model aimed at the professional recognition of the new qualification.

		6.2 Enlargement of an existing network on energy & environmental sustainability. 7.1 Coordination meetings. 7.2 Working of management units and official & internal reporting, work-plan execution.
12.	**Project result/s**	The following six Master Study programmes have been updated/developed. - American University of Armenia: "SORM. Master in Sustainable Operations and Resource Management (focus on buildings industry)". - National Polytechnic University of Armenia: "Master in Energy Efficiency and Energy Saving Technologies". - Ural Federal University: "Master in Building Design for Sustainable Development". - Tambov State Technical University: "Master in Design, construction and maintenance of energy efficient buildings". - Voronezh State University of Architecture and Civil Enginering: "Master in Buildings with Energy-Efficient Life Cycle". - St. Petersburg Polytechnic University: "Energy Efficiency and Sustainable Buildings".
13.	**Project website (if any)**	https://ace.aua.am/projects/marueeb/
14.	**Project photo/s (if any)**	


MARUEEB


Master's Degree in Innovative
Technologies in Energy Efficient
Buildings for Russian and Armenian
Universities (MARUEEB)
MARUEEB
Iaşi Kick Off Event
June 20-24, 2016 ♦ Iaşi, România
Co-funded by the
Erasmus+ Programme
of the European Union


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