

Project Information

Project reference number	618537-EPP-1-2020-1-LV-EPPKA2-CBHE-JP
Application Title	University Student Capacity Building: Towards Readiness for Sustainable Development- Oriented Regional Job Market
Application Acronym	STREAM
Project Start Date	15-November 2020
Project End Date	14-November 2023
Duration (months)	36
International Dimension	Intra-Regional

Project Coordinator

Name of Organisation	Riga Technical University (Latvia)
Country	Latvia
City	Riga

Project Partnership

#	Organization	Country
1	Riga Technical University – Contractor	Latvia
2	University of Applied Sciences Dresden	Germany
3	Technical University of Cartagena	Spain
4	Princess Sumaya University for Technology	Jordan
5	Irbid National University	Jordan
6	University of Mostaganem	Algeria
7	University of Tlemcen	Algeria
8	Nile University	Egypt
9	Egypt –Japan University of science and technology	Egypt
10	South Valley University	Egypt
11	Wuzzuf (Egypt's #1 Online Recruitment Job Site)	Egypt
12	Al Alfi Foundation for Human and Social Development	Egypt

Project Characteristics, Aims and Objectives

Project type	Multi-country project
Specific Activity	Strengthening of relations between HEIs and the wider economic and social environment
Subject/Thematic Area	University-enterprise cooperation, entrepreneurship, and employability of graduates
CBHE Actions	Improve the level of competences and skills in HEIs by developing new and innovative education programs
	Improve the quality of higher education and enhance its relevance for the labour market and society
CBHE Aims and Objective	Support eligible Partner Countries to address the challenges facing their higher education institutions and systems, including those of quality, relevance, equity of access, planning, delivery, management, governance
	Support the modernization, accessibility, and internationalization of the higher education field in the eligible Partner Countries

Project Summary:

In the MENA region the unemployment rate among HE graduates is among the highest in the world as a direct result of the mismatch between education outcomes and expectations of the labor market. With the fast-evolving pattern of the market-needs as a result of revolutionary technologies such as Industry 4.0, AI, robotics and machine learning, a new shift in human resource requirements map is at hand leaving HEIs with an inevitable time-pressing challenge to adjust the learning processes to yield particular competencies that expand way beyond the technical knowledge that has been the focus for many decades. It is thus the aim of this project is to develop a generation of globally-exposed HE graduates, equipped with essential character, social and cognitive skills blended with academic competencies, with a higher degree of readiness for the fast-evolving community and job market, and who are capable to integrate effectively in multicultural, diverse eco-system. Hence, Competence-tailored Student Journey Map that blends academic and academic-complimentary competencies during the student lifetime is introduced. A pilot set of competence-tailored 35 short- and 10 long-term extracurricular activities & “quests” are designed and programmed into the LMS & SIS of partner HEIs, along with 35 courses (120 ECTS) in Engineering and ICT restructured to align with SDGs in competency-based format, targeting the full envisioned picture of the future “Global Citizen” possessing competencies that were clearly identified via an exhaustive gap analysis developed at the beginning of the project. A target of at least 60 students at each of the 7 partner HEIs in Egypt, Jordan and Algeria is planned. Student-Stakeholders Engagement Portal, where employers and students share their profiles and where both have open arena to engage in internships, summer jobs, capacity building programs is essential in the proposed integrative (academic/extracurricular/industry engagement) approach.