

617730-EPP-1-2020-1-EL-EPPKA2-CBHE-JP

Project Information

Reference Number	617730-EPP-1-2020-1-EL-EPPKA2-CBHE-JP
Application Title	EaRth Observation Tools for the promotion of DigITal Economy
Application Acronym	ERODITE
Action Code	CBHE-JP
Project Start Date	15-janv.-2021
Project End Date	14-janv.-2024
Duration (months)	36
Grant Requested	990.090,00
EUD Consultation	YES

Coordinator

Name of Organisation	NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA
Street	HEROON POLYTECHNIOU 9 ZOGRAPHOU CAMPUS
City	ATHINA
Country	Greece
Website	

International Dimension

Regional Focus	Intra-Regional
Involved Regions	R3
Application Country	EL
Partner Countries	JO (3), DZ (3)
Programme Countries	TR (1), EL (3)

Project Characteristics, Aims and Objectives

Project Type	Multi-country project
Specific Activity	Curriculum development
Subject/Thematic Area	Engineering and engineering trades
CBHE Actions	Foster regional integration and cooperation across different regions of the world through joint initiatives, sharing of good practices and cooperation
	Improve the level of competences and skills in HEIs by developing new and innovative education programmes
CBHE Aims and Objectives	Contribute to the cooperation between the EU and the eligible Partner Countries (and amongst the eligible Partner Countries)
	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

Project Summary

As the global community makes the transition from the millennium development goals to sustainable development goals, is turning its attention to the values of Earth Observation (EO) and geospatial information as critical development enablers. Geospatial data have become an essential fuel to boost digital economy and it is more timely than ever to realise that the geospatial industry is on the verge of something special: a data driven world where position is the common factor. EO/ geospatial aims to offer this essential move to create opportunities for the digital economy and this forms the basis for the topic of this proposal.

This project concentrates on Region 3 (Arab state countries). Whilst Arab state HEIs have high gross tertiary enrollment rates they lack to create the appropriate value chain of job openings. It is essential to raise awareness among the students and professionals about the significance of EO/geospatial information, encourage gender equity in this direction and update the relevance of curricula programs outcomes to market needs. The vision of ERODITE is to enhance and promote learning, extension, outreach, activities at the partner HEIs through the creation of geospatially-integrated collaboration. The mission is to develop a plan to make the partner HEIs geospatially-integrated universities where EO/geospatial science, thinking, and visualization are broadly applied across disciplines and are supported through readily accessible and high capacity EO material, training and expertise. The objectives are to develop (i) educational network with Arab state HEIs that will introduce strategies for the development of innovative educational approach for effective EO/geospatial pathways and (ii) an open, collaborative learning environment (EO platform) that will allow access to various thematic and training pathways and create new ones adapted to user groups.

Project Partnership

Role	Region	Participant Organisation Name	Country
Contractor	EU	NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA	EL
Partner	R3	AL-BALQA APPLIED UNIVERSITY	JO
Partner	R3	Centre des Techniques Spatiales	DZ
Partner	R3	Jadara University	JO
Partner	R3	JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	JO
Partner	R3	UNIVERSITE DE OUARGLA	DZ
Partner	R3	UNIVERSITE DE TLEMCEN	DZ
Partner	EU	ARISTOTELIO PANEPISTIMIO THESSALONIKIS	EL
Partner	EU	PANEPISTIMIO DYTIKIS ATTIKIS	EL
Partner	on-EU Pro	AKDENIZ UNIVERSITY	TR