

# AdapTM

Climate Change Management  
through Mitigation and Adaptation

Co-funded by the  
Erasmus+ Programme  
of the European Union



Alexandria University is part of the “Adap TM” network of universities, which started in 2018 till current.

Around 200 undergraduate students from faculties of Science, Engineering and Agriculture are part of this network and carry out activities on climate change Adaptation. Alexandria university local partners in this network are the Arab academy for Science, Technology and Maritime Affairs (AASMT), Suez Canal University , and South valley university. In coordination with the **Italy**; University of Catania (UNICT), **Lithuania**; Klaipeda University (KU), **Slovenia**; Euro-Mediterranean University (EMUNI), **Egypt**; and The National Observatory of Athens (NOA) institute, **Greece**.

. The project open avenues for students to undertake activities, and open job opportunities in the climate of climate change adaptation. The network also allow enrolment in the Master’s degree in climate Change Management, Smart Environmental Climate Change Management (SECCM). This Master program is running in the faculty of science – Alexandria University



AdapTM is a project financed by about 771.000 EURO from Erasmus + (KA2 Capacity building in the field of higher education). AdapTM aims to ensure the design and

implementation of an interdisciplinary Master degree study programme in the field of climate change, in order to support Egypt with the integration of emerging technologies in climate change management in a competence-based education system, hence advancing higher education. According to the Bologna Process and European standards for quality of education.

AdapTM propose:

1. a new curriculum and enhanced syllabi in climate change based on ECTS;
2. AdapTM network and collaboration platform as learning and academic environment;
3. innovative teaching materials for: Geophysics and Geoinformatics, Climate and Global Changes, Smart Environment Technology Programminig, Mathematical Modelling of Environment, Remote Sensing of the Environment;
4. including textbooks, mobile lectures, e&m-learning modules;
5. implementation of competence-based curriculum approach based on modern learning technologies;
6. retraining of EG universities' staff developing their teaching expertise in technologies integration to SEM;
7. mobility of students for intensive courses at EU and EG universities.
8. re-training, training of EG universities academic staff on how to organize courses in climate change with the integration of technologies, academic and students mobility.