WHAT ENEPLAN IS ABOUT AND HOW WE CAN GO FURTHER

ENERGY EDUCATION IN MEDITERRANEAN UNIVERSITIES

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Beirut, Lebanon
13th September 2018
MAIN PURPOSES

The ENEPLAN project aims to fill a gap in higher education programmes, focusing on Renewable Energy Sources (RES) development and planning. Architects and planners are often not aware of energy planning and RES technologies. On the opposite, experts in RES development (mostly engineers) do not have competences in regional planning and landscape architecture. Moreover, the rapid and continuous development of technological innovations in the RES field makes it difficult to integrate renewable energy planning in traditional higher education teaching practices and curricula.

The integration of different disciplines and competencies regarding RES development and regional planning is highly desirable, especially considering the relevance of integrated tools and strategies at global, Mediterranean, national and local scales. These disciplines should merge in an organic framework for the definition of effective and sustainable implementation strategies, following a holistic approach in which Environment, Technology, Planning and Landscape move together towards an increasingly integrated vision.
KICK-OFF MEETING
Rome, 14-18 March 2016

1st ENEPLAN Workshop for the construction of C-map 1.0
Rome, 5-9 September 2016

2nd ENEPLAN Workshop on environmental and landscape assessment
Seville, 12-16 December 2016

3rd ENEPLAN Workshop on RES and new technologies for energy production
Malta, 2-6 May 2017

4th ENEPLAN Workshop Life Cycle Assessment and GIS Tools for Energy planning
Siena, 25-29 September 2017

5th ENEPLAN Workshop Innovation, applied research in renewable energy and relationships with SMEs
Faro, 15-18 January 2018

STUDENTS’ WORKSHOP FOR CMAP TESTING
University od Petra, Amman, 18-27 February 2018

WORKSHOP ON MANAGING TRANSITIONS FOR SUSTAINABILITY
Cairo, 16-20 April 2018

FINAL CONFERENCE. ENERGY EDUCATION IN MEDITERRANEAN UNIVERSITIES
Beirut, 13-14 September 2018
GOALS TO BE MET

The project faces the lack of interdisciplinary approaches in energy planning by focusing on the enhancement of future professionals’ capacities. Its main goal is to develop skills in Higher Education institutions in the Mediterranean region in the field of integrated energy planning. The project’s objectives can be summarized as follows:

- Helping the modernization of higher education curricula and improving teachers’, researchers’ and students’ knowledge and skills in integrated energy planning, while innovating high education (HE) teaching and learning practices;
- Testing the effectiveness of Open Educational Resources (OER) based on the tool of collaborative Concept maps (Cmaps);
- Increasing labour market relevance of learning provisions and qualifications;
- Strengthening the relations between HEI and the wider socio-economic environment;
- Establishing a network among Mediterranean Universities.
Copernicus Sentinel-2 data [2018]. Image of part of Lebanon, acquired on 2018-09-03.