PROJECT OUTPUTS

- Kick-off Workshop Report
- State of the Art and Case Studies Report
- C-map Web Platform
- WebGIS Geodatabase
- C-map 1.0 - Basic Concept Map
- Workshops Report
- C-map 2.0
- C-map 2.1 - Final Concept Map
- Quality Assurance Plan
- Quality Reports
- Communication and dissemination plan
- Project website
- Newsletters
- Information material: leaflet, brochure and posters
- Final conference proceedings
- Project Management Plan
- Yearly Reports

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"This project has been funded with support from the European Commission. This communication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein."
PROJECT DESCRIPTION

Building capacities in integrated energy planning in Mediterranean higher education institutions has been the focus of the ENEPLAN project for three years (2015-2018). Integrated energy planning does not only take into account the technical dimension, but also considers environmental, social, cultural, and policy dimensions as essential parts of the planning process. While the transition to sustainable energy resources such as solar and wind is underway, understanding the impact of these systems on natural and cultural landscapes, livelihoods, different economic sectors, and policies is paramount to achieving a sustainable and resilient future.

To achieve these goals, the upcoming generation of students in engineering, landscape architecture, urban planning and design, regional planning, ecology, and agriculture will need to be sensitized to this reality and approach. ENEPLAN provided such a platform where integrated thinking and interaction can occur across multiple disciplines. The C-map (Concept Map) and the WebGIS are the primary tools developed during the project lifetime to enhance these human capacities. Through a series of thematic workshops (TW) conducted in partner countries, the C-map and WebGIS were developed providing free and accessible GIS data from partner countries as resource for students to use in their academic work.

As the world moves forward to try and develop sustainable ways of managing our planet, integrated energy planning will be an important dimension of this quest. Even more, the role of higher education institutions in advancing integrated thinking is and will be more underlined today and in the future. We believe that ENEPLAN has contributed to advancing integrated thinking in energy planning and is representative of what steps other projects need to take to contribute to the sustainability of our planet.

OBJECTIVES

- Fill the gap in higher education programs, focusing on renewable energy sources (RES) development and planning.
- Respond to the emerging need for professionals able to work with an interdisciplinary approach that integrates urban and regional planning, environmental impact assessment and landscape design on one hand, and energy planning and RES development on the other.
- Merge the theoretically separated disciplines following a holistic approach in which environment, technology, planning and landscape move together towards an increasingly integrated approach.
- Respond to the need for interdisciplinary educational tools in the field, through developing, testing and circulating collaborative C-Maps as Open Educational Resources.

ACTIVITIES

- **Kick-off meeting**
  Rome, Italy | March 2016
- **1st TW: Environmental Assessment Procedure and Praxis**
  Seville, Spain | Dec 2016
- **2nd TW: RES and New Technologies for Energy Production**
  Valletta, Malta | May 2017
- **3rd TW: Life Cycle Assessment and GIS Tools for Energy Planning**
  Siena, Italy | Sept 2017
  Faro, Portugal | Jan 2018
- **Students Workshop**
  Amman, Jordan | Feb 2018
- **Final Workshop on Cmap**
  Cairo, Egypt | April 2018
- **Final Conference**
  Beirut, Lebanon | Sept 2018