

WESET NEWS LETTER

Issue 1: September 2018

About WESET:

The WESET Project is supported by the Erasmus + Programme Key Action 2 Capacity Building in Higher Education, CBHE.

The project helps reduce the lack of skilled engineers in wind engineering in Egypt and Tunisia, which hinders the use of wind as a reliable, cost-effective and pollution-free source of energy. The activities planned support the modernisation, development and internationalisation strategy of the partner Egyptian and Tunisian institutions, aligning master's degrees with the needs of industry and the society, and creating links with European institutions.



WESET aims to transfer knowledge among experts in European, Egyptian and Tunisian institutions in the field of wind engineering; and to strengthen ties between academic institutions and the wind industry; and to promote Bologna Process standards in Tunisia and Egypt, with a focus on employability.

The consortium develops modules and laboratories for capacity building in wind energy for on-campus teaching in Egypt and Tunisia, linked with their national industries, such that:

- 1- Training materials are produced for four master modules, in English and French that is openly distributed using a CC license.
- 2- Pilot tests of the training materials are carried out in the partner institutions.
- 3- Egyptian and Tunisian academic staff and master's degree students with great potential are trained in Europe in wind engineering.
- 4- Five wind energy centres are created (one at each partner institution), linked with local industries.
- 5- Results are presented at wind engineering workshops to be held in Tunisia and Egypt.

WESET Activities November 2017 to July 2018:

Kick off Meeting, Tunisia: December 18–20, 2017

The Kick-off Meeting took place in Tunisia, at the University of Carthage, in December 2017 with the representation of all the partner institutions.

During the three-day meeting some important issues regarding the management and the activities of the project were discussed. Furthermore, the several committees for the smooth management of the project were appointed. The meeting also provided the occasion for the partner institutions to be promoted thanks to the poster session that took place during the first day at the University of Carthage and which had the participation of students, academics and authorities from Tunisian institutions.



TUNISIAN PREPARATION SEMINAR (Monastir, 21st Dec 2017)

The first WESET preparation seminar took place in Monastir (Tunisia) in December 2017. The seminar was attended by 63 students and academics from Tunisian, Egyptian and European universities who discussed the integration of the WESET modules in existing academic programs and laboratory needs.



After an invited presentation on “Model-based Control Design for Ancillary Services of Wind Farms, specific sessions were held on “Renewable Energy in Master’s programs” and Wind Systems. WESET was also presented by its academic coordinator with a special focus on the contents of the modules that will be delivered as one of the outputs of the project.

Egyptian PREPARATION SEMINAR (Cairo, 20 March 2018) at the Egyptian New and Renewable Energy Authority:

Under the title: Human capital development in wind energy sector, the Egyptian governmental body and project partner, New and Renewable Energy Authority (NREA), has hosted WESET’s first stakeholder workshop in Cairo, Egypt on 20 March 2018. A key deliverable in WESET, the workshop addressed skills and training needs of the different stakeholders in Egypt, in addition to local and regional aspects of technology deployment and environmental impact. Several talks were presented by the project partners in addition to roundtable discussions involving academia; the regulator; contractors; engineering firms; developers; and original equipment manufacturers/technology providers.



IEEE Tunisia Section joins the WESET project as associated partner: 23 March 2018

IEEE Tunisia section is a non-profit organization established on 2008 under IEEE, the world’s largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity, which includes more than 420,000 members in more than 160 countries. IEEE members are students, engineers, scientists, and allied professionals whose technical interests are rooted in electrical and computer sciences, engineering, and related disciplines.



First Management Meeting: Aalborg 4-6 July 2018

The first management meeting took place in Denmark, at the University of Aalborg, in July 2018 with the representation of all the partner institutions.

During the three-day meeting, management aspects were discussed and the activities of the project were presented. The results of the preparation survey based on the needs on society were presented. The contents of the courses to be developed were also defined.



Running Activities:

- Development of WESET new courses.
- Creation of the Wind Energy Centres in Egypt and Tunisia.
- Smart Learn Conference in Cairo, 8-9 October 2018.

Next Management meeting in February 2019 in Valladolid, Spain

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