



Upcoming Events

7-9 February, 2017

Project 3rd meeting hosted by. Aswan University- Egypt

7-9 February, 2017

First Capacity building training hosted by Aswan University-Egypt

6-9 June, 2017

The 14th international conference (EEM) on the European energy market hosted by the Chair of Energy Economics by Technische Universität Dresden (Germany). Please visit the event page www.chem3017.com.

Partners



Jordanian University (UJ)



Aswan University (AU)



Damascus University (DU)



Tishreen University (TU)



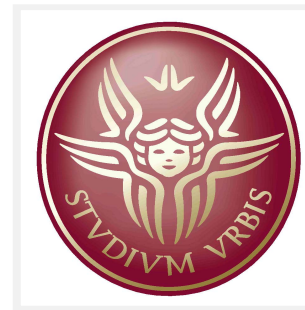
University of Cyprus (UCY)



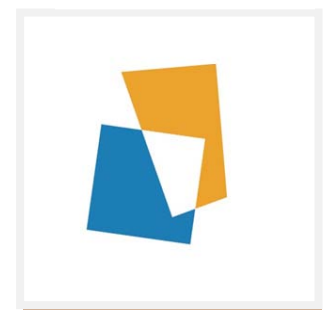
Cairo University (CU)



Technische Universität Dresden (TUD)



Sapienza University (UNIROMA 1)



German Jordanian University (GJU)



Wuppertal Institute (WI)

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"This project has been funded with support from the European Commission. This publication [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"

ISSUE, Vol. 1

01

October, 2016

DESIRE Newsletter



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Project in Brief

- Subject Area: Renewable Energy
- Grant Holder: German Jordanian University (GJU)
- Project duration is 3 years (until 15th of October 2018)
- Website portal: www.gju.edu.jo

- The project has to deliver 6 main tasks beside the project management and implementation:

- Scoping and needs analysis
- Creating the interregional network.
- The development of the teaching & training modules.
- The capacity building program.
- Monitoring & evaluation of the project.
- The dissemination activities.

Project Profile

The increasing demand for energy in the MENA region associated with the lack of indigenous energy resources along with the willingness to preserve hydrocarbon resources clearly address the need to expand the development and use of renewable energies for electricity production in this area. Fully aware of this, the European Union is aiming at promoting initiatives to support the implementation of renewable energy technologies within the Mediterranean basin.

DESERTEC and Mediterranean Solar Plan are some examples of these initiatives. Even within the renewable energy technologies, the lack of the socio-economic studies regarding each technology has always affected the directions of decision makers.

Delivering energy strategies requires the need for human and financial capitals. For example, Jordan requires financial investments of about 18-21 \$M up to 2020 to achieve its strategic

goals in the energy sector. Moreover, Jordan's energy bill is about 20% of its GDP.

To maximize the private and social benefits of energy projects, the socio-economic impact of these projects must be studied and addressed. These studies must be conducted for all possible scenarios which include renewables and non-renewables. Even among different renewable energy systems, one can see different impacts of different technologies. Each country can conduct different studies in these directions to prioritize the needed technology in this sector. Different countries may have different interests and objectives, for example, to create more jobs, to reduce the effective changes in fossil fuel costs on its development plans, and to account for the environmental impact. Finally, quality research on the socio-economic effects of transitions toward sustainable energy systems is necessary for forming sound policy choices and mobilizing political and social acceptance.



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Main Objectives

- To introduce 4-6 modules in the topic of socio-economic impacts of renewable energy (REEE) to the curriculum of undergraduate and postgraduate study programmes in different faculties at different partner and associated universities in the MENA region and possibly in the EU.
- To develop and implement an e-learning platform and study material related to the socio-economics impacts of renewable energy utilization.
- To enhance the capabilities of existing REEE training entities at partner and associated universities.
- To establish a national, regional and international network with respect to the socio-economic impacts of the utilization of the renewable energy sources.

Specific objectives

- To introduce the topic of socio-economic impacts of Renewable energy to the curricula of undergraduate and postgraduates programs in different MENA and EU universities.
- To deepen the understanding of the socio-economic impacts of renewable energy projects amongst various stakeholders.
- To improve the quality of renewable energy teaching courses.
- To develop and implement online teaching modules in the field socio-economics impacts of renewable energy for a wider dissemination.
- To enhance cooperation amongst partner universities in the field of socio-economic impacts of the RETs.
- To build the teaching capacities of partner and associated universities.

Project Coordinating University

German Jordanian University GJU (Jordan):

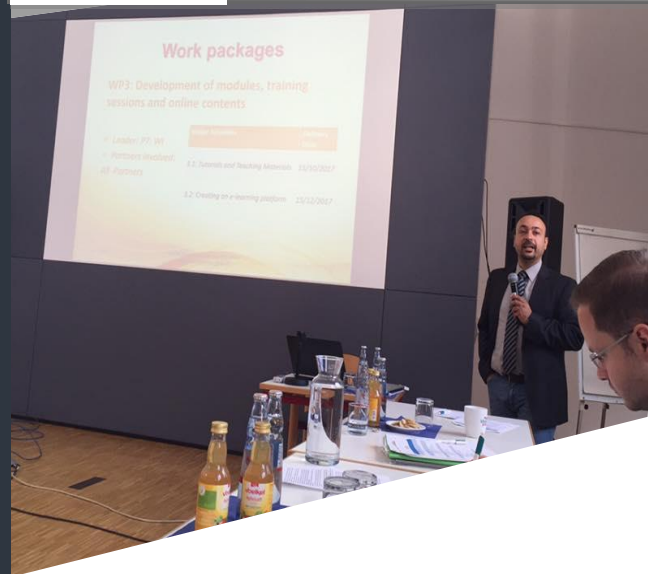
www.gju.edu.jo

Partners Universities

- Aswan University AU (Egypt) : www.asua.edu.eg
- Cairo University CU (Egypt): www.cu.edu.eg
- Damascus University DU (Syria): www.damascusiv.edu.sy
- Sapienza University (Italy): www.uniroma1.it
- Tishreen University TU(Syria): www.tishreen.edu.sy
- Technische Universitate Dresden TUD (Germany): www.tu-dresden.de
- University of Jordan UJ (Jordan): www.uj.edu.jo
- University of Cyprus UCY (Cyprus): www.ucy.ac.cy
- Wuppertal Institute WI (Germany): www.wupperinst.org/en/

Associated Partners Universities

- An-Najah National University – Nablus, Palestine
- Bier Zeit University – Ramallah, Palestine
- Al-Zaytoona University – Amman, Jordan
- Jordan University of Science and Technology – Irbid, Jordan
- Mutah University – Karak, Jordan
- Al-Hussein University – Ma'an, Jordan
- American University of Beirut – Beirut, Lebanon
- Tripoli University – Tripoli, Lebanon
- Alexandria University – Alexandria, Egypt,



Wuppertal Institute
Second Project Meeting
(14-15 July, 2016)

- UNIROMA (work package 1) showed the results of survey submitted by partners and it was agreed to resubmit the report by delegating one person for each university partner.
- Wuppertal institute (work package 3) introduced the proposed structure of the modules. It was agreed that one basic module will be delivered by February of 2017. Six complimentary modules will be implemented by the MENA & European partners by the end of the project.
- Jordan University (work package 2) presented the network plan and along with the desired target group to join the network.
- It was agreed that all partners should collaborate in all work packages.
- Capacity building (work package 4 done by UCY) showed their plan of training (three professors and two researchers in each event). The training will take place over two days in each workshop.
- The Desire project's website (Work package 5 by German Jordanian University) was launched and partners were asked to review it and send their feedback.
- Financial management (Work package 5 by German Jordanian University): A presentation was conducted on reporting methods, what & how to submit the documents to be delivered according to Erasmus + regulations.
- Dr. Louy Qoaidar, Project Coordinator, gave a complete description of the project, its work plan, work packages, deliverables, and budget. The tasks allocated to each partner were discussed with durations and deadlines.
- Each work package leader gave a presentation discussing their work package objectives, tasks, deliverables, and deadlines.



Kick off Meeting in Amman (5-7January 2016)

Expected Impact of the Project

- The importance of this project comes from highlighting the importance of the socio-economic dimension of Renewable energy by integrating it into REEE teaching programs offered at higher educational institute in beneficiary countries. The expected impact of this project is mainly making the teaching of REEE at participating universities more comprehensive by covering the socio-economic dimension. This shall enhance the students' knowledge level and hence support the sustainable development of the sector that in turn shall improve the REEE market performance in these countries.
- The developed materials when implemented shall lead to a better understanding of the socio-economic impacts of implementing renewable energy and energy efficiency (REEE) technologies. This enables a faster and more sustainable development of the REEE market. As a result of the implementation for the new materials, the targeted knowledge field will be better represented in the existing teaching curricula at universities to lead to a proper preparation of qualified working force needed to sustain the development of the REEE market will be ensured.
- Additionally, the dissemination of the materials through the e-learning platform shall facilitate a wider spread of the materials on global level with a similar effect Furthermore, this shall support continuing cooperation among partners through exchange of students and teachers and initiating new projects.