Double degree international M.Sc. program

Renewable Energy and Energy Efficiency for the Middle East and North Africa (MENA) Region (REMENA)

Faculty of Electrical Engineering/Computer Science, University of Kassel, Germany
Faculty of Engineering, Cairo University, Egypt
Objective: To educate experts in the field of Renewable Energy and Energy Efficiency who are high on demand for leading positions in the energy sector and are able to manage complex projects for international institutions and companies operating in the Arabic region.
Program Structure:

6 months (summer term) in Kassel, Germany

6 months (winter term) in Cairo, Egypt

9 months in the MENA region
Program Objectives - Career Objectives

Double degree:
• M.Sc. degree from the University of Kassel
• M.Sc. degree from Cairo University

expert in the interdisciplinary field of renewable energy

excellent career in international projects

leadership positions in the public and private energy sectors
Flat Plate Solar Simulator
CSP and PV Simulators
Meteorological measurements

![Meteorological instruments and graph showing solar radiation on 22-July-12]
# REMENA graduates since the start of the program in 2009:

➢ Graduates up-to-date: about 70 alumni
Some of our Alumni

M.Sc. Rawya Mostafa Abdel Rahman El Shazly from Egypt
• Company: KfW German Development Bank, Cairo Egypt

M.Sc. Rand Alzubi from Jordan
• Company: Mustakbal Clean Energy, Jordan

M.Sc. Sarmad Shaker from Iraq
• Institution: Ministry of Science & Technology, RE Directory, Solar Energy, Iraq

M.Sc. Mathias Graunke from Germany
• Company: Proposal Manager at SENVION Deutschland GmbH, Germany

M.Sc. Mohamed Ouda from Egypt
Institute: Fraunhofer Institute for Solar Energy Systems (ISE)
Mohamed Shalaby, M.Sc.
RENEA Batch 3

Short CV
- 2010-2011 Research Assistant GUC, Cairo
  STDF project on Wind and Solar
- 2010 B.Sc. Electronics Engineering, German University in Cairo - GUC
- 2011-2013 REMENA Masters Program
- 2014 Certified ReGrid Manager CRGM (RENAC), Berlin
- 2013 - to date Research Assistant at IdE Institute Decentralized Energy Technologies (IdE)

My Master thesis focused on “Simulation of a Region Operating at 100% Renewable Energy”
The decentralization of energy supply is one of the main focal areas of research of IdE “Institute Decentralized Energy Systems” in Kassel, Germany
Main Projects I am involved in through my current position:
  • Master plan county Osnabrück
  • Heating & Electricity Regional Synergies
  • BioPower2Gas
REMENA - International Master program

Testimonials

"REMENA: A Career Enhancement by a Long Steps Jump!", says Ramy Essam, M.Sc., graduate REMENA batch 4

"It is an overwhelming program not just a competitive one. Huge diversity booster, team work spirit, competition and interdisciplinarity."

Read the complete report [pdf]

"Because RE is the golden door for sustainable development in the MENA region, REMENA is a perfect way to get involved in this pathway to the energy future."

In light of cooperation between "Afrika-Verein der deutschen Wirtschaft" and Dii (Desertec industrial initiative) a one day intensive workshop focusing on Renewable Energy activities in Morocco, Algeria and Tunisia was organized on February 20th, 2014. The "Maghreb day" provided a platform for international participants from the public and private sectors to exchange ideas and network. REMENA batch 5 student Redouane Abdelbari from Morocco joined the "Maghreb day" and reported about his experience.
Thank you