



Heba



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Issue 2
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HEBA PROJECT NEWSLETTERS

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HEBA: High Level Renewable and Energy , Efficiency Master Courses

HEBA Project Number

585740-EPP-1-2017-1-AT-EPPKA2-CBHE-JP

Website <https://sway.office.com/EarREhbtYHrv6DvZ?ref=Link>



Co-funded by the
Erasmus+ Programme
of the European Union



Welcome to the second newsletter
from HEBA project !

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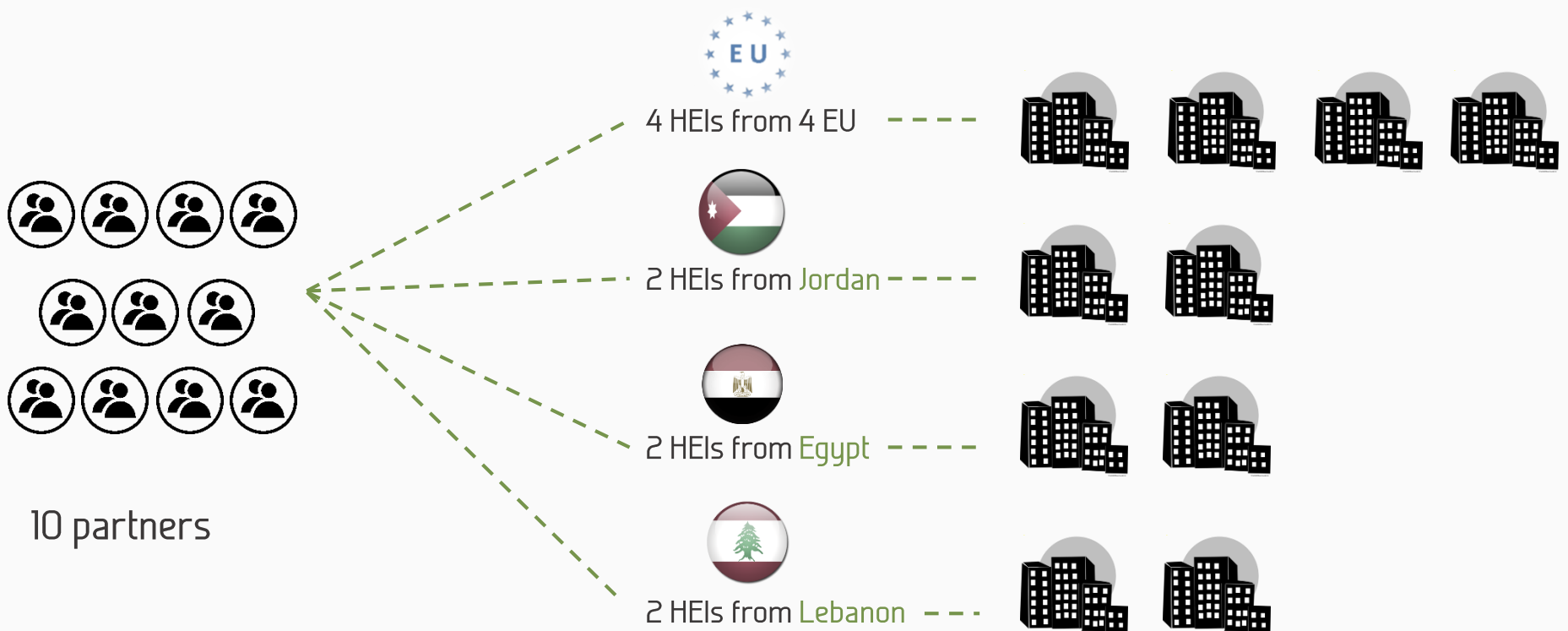


About HEBA

HEBA is a three-year project started on October 15, 2017, coordinated by University of **Innsbruck (UIBK)** in Austria, and funded by the European Union through Erasmus+ programme.



HEBA project consortium is composed of **10 partners**, consisting of 4 HEIs from 4 EU member states (Austria, Germany, Italy, and Cyprus), 2 HEIs from Jordan, 2 HEIs from Egypt, 2 HEIs from Lebanon.



The project aims to

- Reform and improve existing master programs in Energy Efficiency (EE) and Renewable Energy (RE) on single technology and energy systems level,
- Improving existing or establishing Centers/ Laboratories of EE+RE in Jordan, Lebanon, and Egypt.



- The consortium will **help** the society to protect the earth.
- It will help in providing qualified professional resources capable of sustaining and managing the huge effort of EE+RE infrastructure development. Special emphasis will be given to advanced energy management.
- **HEBA** will be oriented to further development of the process of interaction with professional communities and reflects their requirements in the developed curriculum.



The EU experience is a major component in the success of the HEBA project. The courses/modules and adapted curricula within HEBA project should be based on the needs and challenges of the building/industry/energy sectors.

HEBA establishes new modules on Energy Efficiency (EE) and Renewable Energy (RE) that includes EU quality standards; promotion of students and Professors mobility; internationalization of education/training and the use of digital technologies in learning.

HEBA Partners

Coordinator



UNIVERSITÄT INNSBRUCK (UIBK), Austria

Partners



ARAB ACADEMY FOR SCIENCE, TECHNOLOGY AND MARITIME TRANSPORT, Cairo, Egypt



SAPIENZA
UNIVERSITÀ DI ROMA

UNIVERSITÀ DEGLI STUDI DI ROMA LA
SAPIENZA, Rome, Italy

TUHH

Hamburg University of Technology

TECHNISCHE UNIVERSITÄT HAMBURG, Germany



University
of Cyprus

UNIVERSITY OF CYPRUS, Nicosia, Cyprus



UNIVERSITY OF JORDAN, Amman, Jordan



الجامعة اللبنانية
UNIVERSITE LIBANAISE

LEBANESE UNIVERITY, Beirut, Lebanon



1866
AUB
American University of Beirut
الجامعة الأمريكية في بيروت

AMERICAN UNIVERSITY OF BEIRUT, Beirut, Lebanon



Helwan
University

HELWAN UNIVERSITY, Helwan, Egypt



JORDAN UNIVERITY OF SCIENCE AND
TECHNOLOGY, Irbid, Jordan



HEBA StC Meeting Innsbruck

HEBA 1st Steering Committee Meeting – Innsbruck



The Project Coordinator has hosted HEBA first Steering committee Meeting in Innsbruck,



from July 26th to 27th, 2018.

The meeting was attended by representatives from all partner universities from:

Austria, Germany, Italy, Cyprus, Jordan, Egypt, and Lebanon.

Each partner presented the first results obtained within the project and made proposal about how to plan further activities.

Specific attention has been spent on the results of the survey, the procedure for the equipment purchase and the elaboration of syllabus and courses.



HEBA ToT Innsbruck

Training of Trainers in Innsbruck



The first of the Training of Trainers foreseen within HEBA project took place in Innsbruck at UIBK



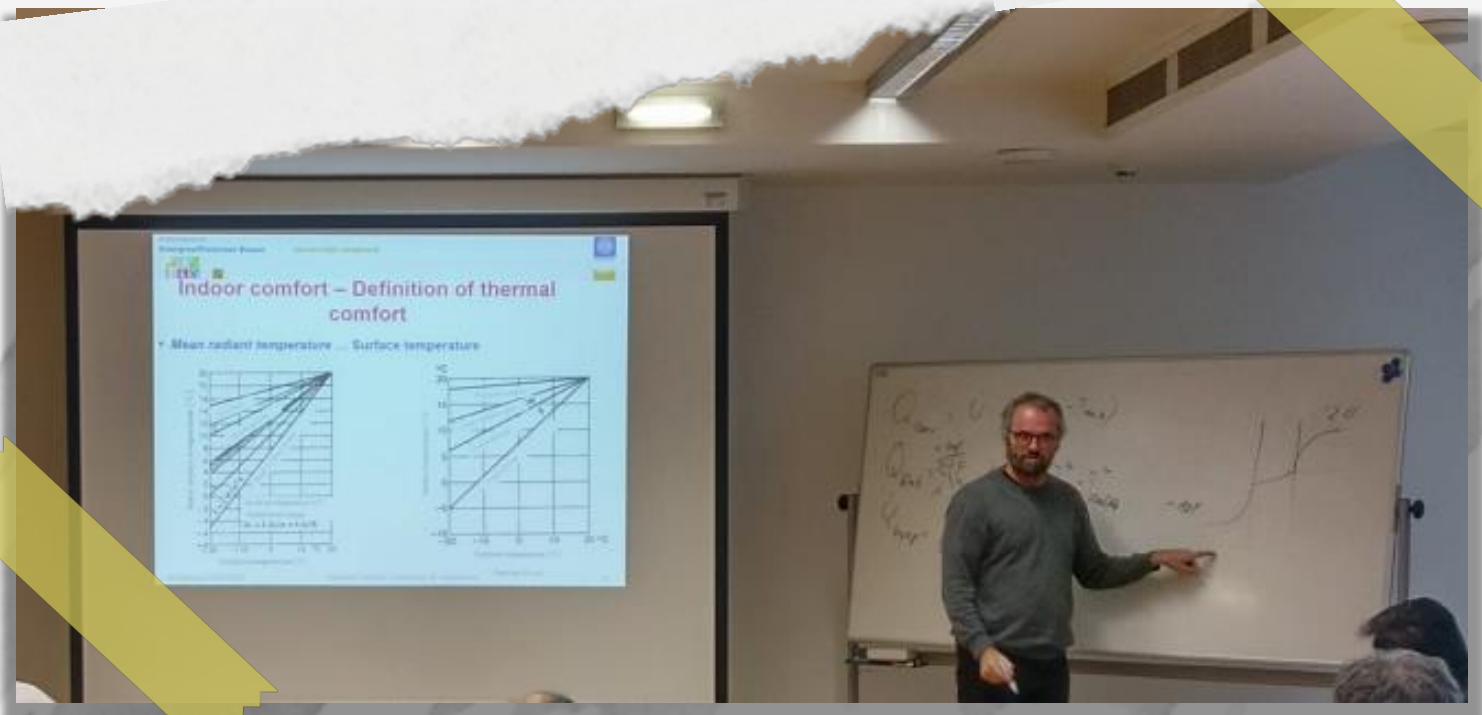
from September 3rd to 7th, 2018.

The first of the Training of Trainers foreseen within **HEBA** project took place in Innsbruck at UIBK from September 3rd to 7th with the participation of **18 Professors and academic staff** from MENA Countries Universities (**Jordan, Egypt and Lebanon**).

The training was dedicated to Energy Efficient in Building and aimed to transfer knowledge about energy efficient building design, Development of building simulation, modelling and simulating.

On 7th of September Prof. Wolfgang Stretcher offered a tour to the laboratories of Unit of Energy Efficient Buildings under the department of Civil Engineering. The group visited the refurbished building of the Technical Faculty of Innsbruck University and several low/cost social housings in passive houses located in the city of Innsbruck.







Next Train of Trainers dates will be:

RE in Buildings (UIBK): March 11-15, 2019

LCA, Sustainability, Monitoring (UCY): January 7-11, 2019

EE in Industry (UNIROMA1): January 14-18, 2019

RE for Industry and Utilities (TUHH): February 18-22, 2019



Webinar on Bologna process

A webinar about Bologna process and European University System will be organized by Sapienza University of Rome at the end of November.

The webinar is aimed to give you the most important information about European University System and Bologna process and guide you to design HEBA Courses according to European University standards.

The event will focus on European Higher Education Area (EHEA), degrees and qualifications: implementation of common degree structure and Legal framework of the study programs.

For more information, please refer to :  gabriella.calderari@uniroma1.it



Heba Report on University Needs

The report on University Needs has been now published on [HEBA Website](http://sites.ju.edu.jo/en/heba/Home.aspx):
<http://sites.ju.edu.jo/en/heba/Home.aspx>

The report collected information about MENA Partners University needs that will be useful for the elaboration of courses on "Renewable Energy, Energy Efficiency and Environmental Impacts" offered by Beneficiary Universities (included laboratories, MSc, seminars, conferences, research centers, etc.).

If currently not offered, do you plan to implement lectures on following fields?

	n. responses
Energy systems (Solar Domestic Hot Water, PV, Wind, Water, Biomass)	2
Energy Efficient Buildings	1
Building and HVAC simulation	1
Energy efficiency in Industry	3
Energy sustainability	0
Environmental Technology	1
Environmental Assessment	0
Economic issues*	1
Political issues*	1
Law issues*	1
Currently there are no plans to implement such courses, but we are interested in	3
Yes, the above mentioned fields fits quite well to our current lectures in our curricula	0
There are no similarities to our current lectures in the curricula	1

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Energy systems (Solar Domestic Hot Water, PV, Wind, Water, Biomass)	2
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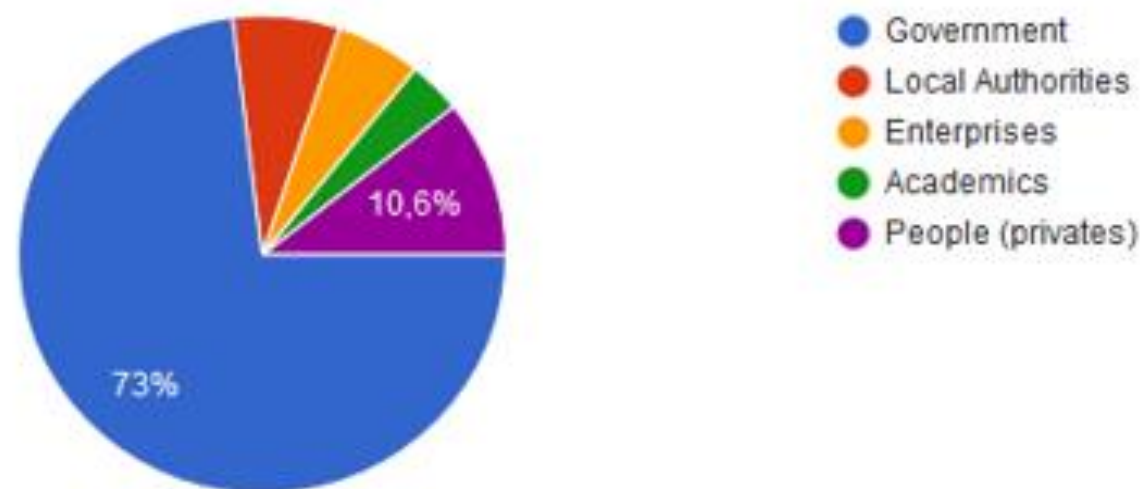
Heba Report on University Needs

The report on Residential Needs has been now published on HEBA Website:
<http://sites.ju.edu.jo/en/heba/Home.aspx>

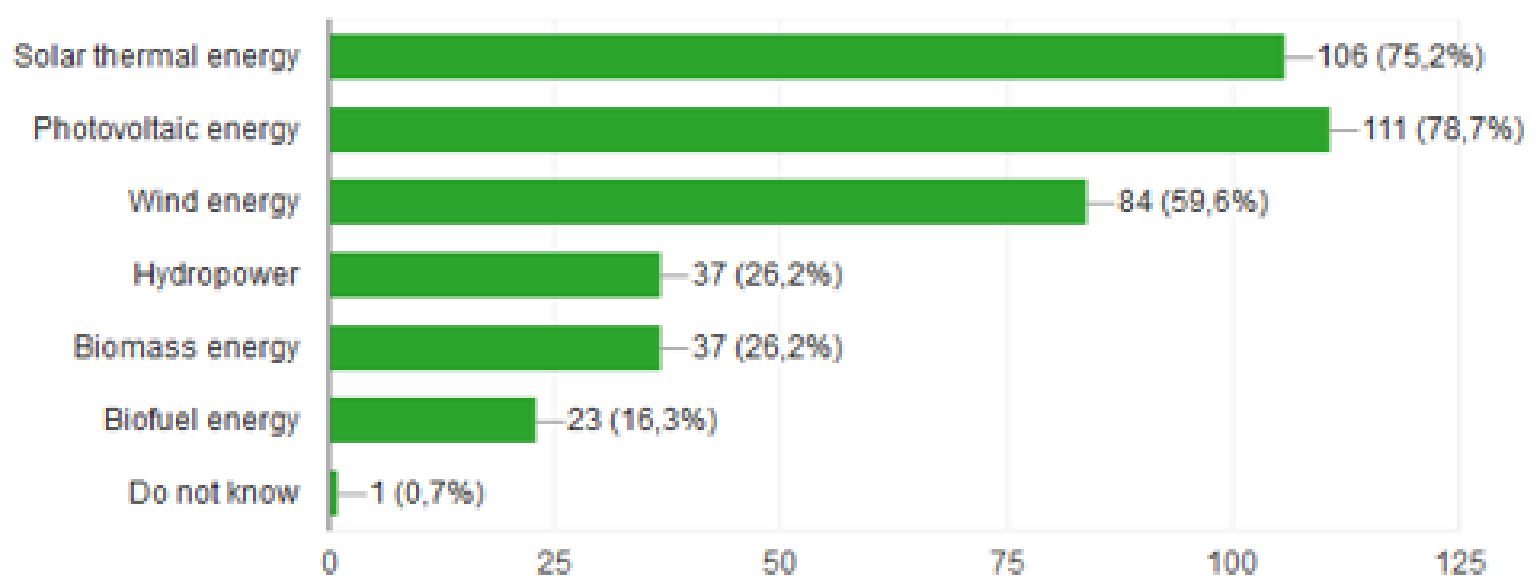
The report shows the results of the survey that investigated the awareness of final users relating the energy use and costs in buildings, the use of renewable energy and the interest to invest in the reduction of them, both in general and for each of the MENA Countries involved.



2.3 In your opinion, who holds the key role of supporting renewable energy and/or energy efficiency using?



2.5 According to you, which renewable energy sources can be produced and used in your region?

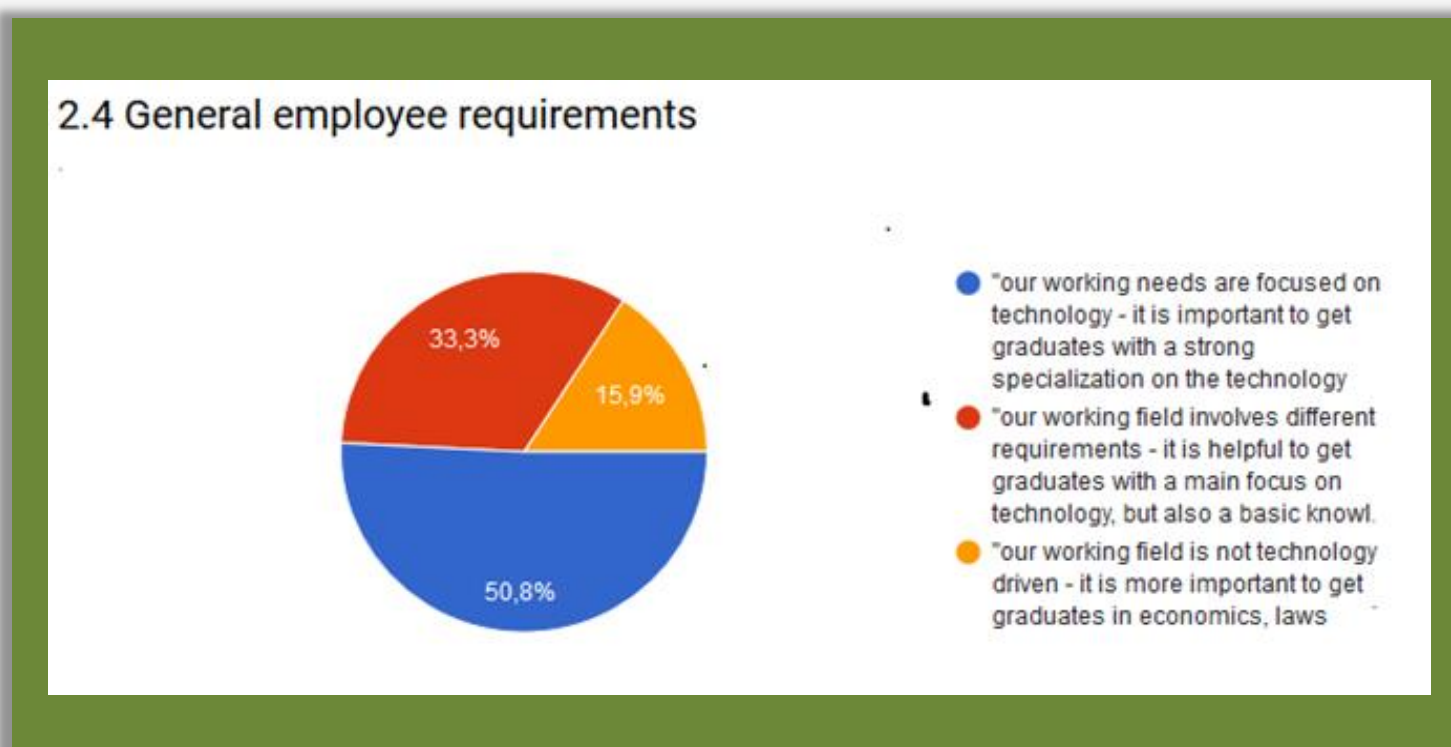
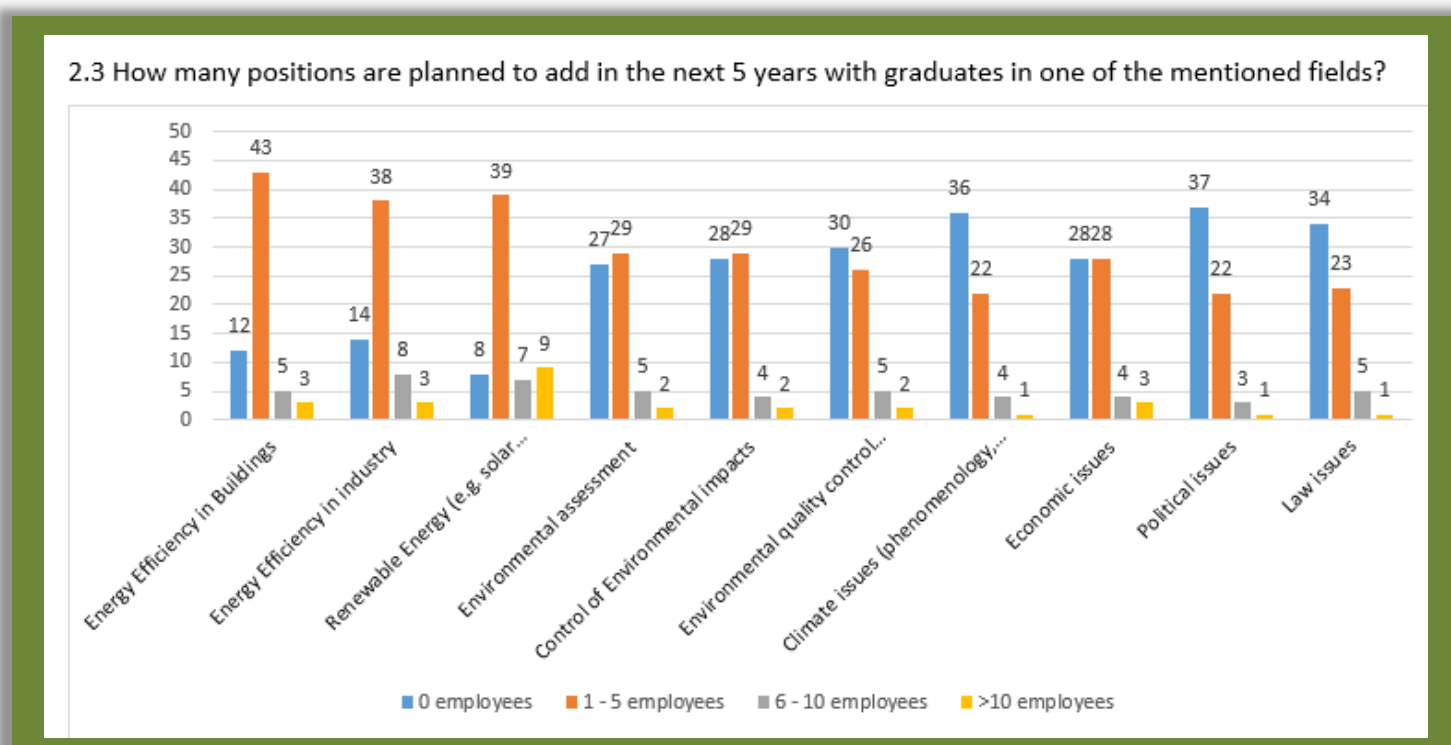


HEBA Report on Industry Needs

The report on Industry Needs has been now published on HEBA Website:

<http://sites.ju.edu.jo/en/heba/Home.aspx>

The Report collects and analyzes the results of the survey conducted in the three MENA Countries (Egypt, Lebanon and Jordan). It shows the situation of the industries, the type of staff currently employed, the education gained, the growth expectations of these companies in the next five years and the type of experience and knowledge required by the market both in general and for each of the Countries involved.

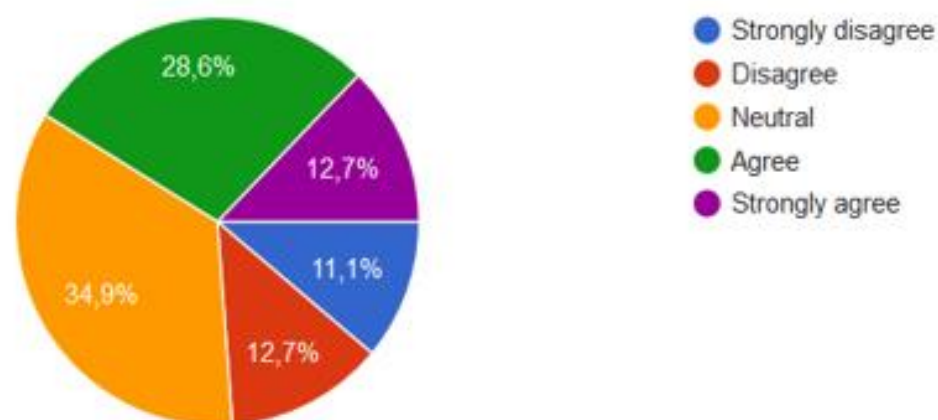


HEBA Report on Energy Regulation

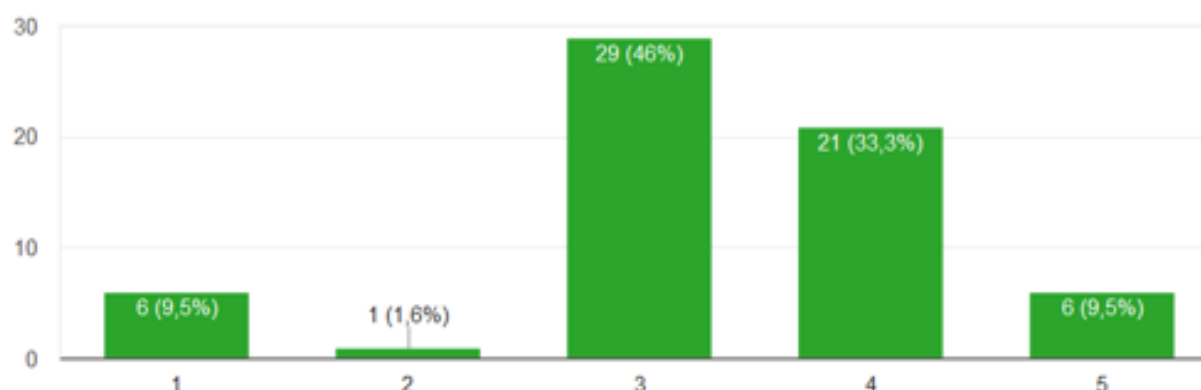
The aim of this report is to investigate the importance that regulatory issues about Energy have in the MENA Countries partners of HEBA project and understand their impact in the development of renewable energy technologies and energy efficiency measures.

An analysis of the main European regulations about Environmental protection, Renewable Energy and Energy Efficiency has been done, together with a description of best practices in each of the European Countries involved (Italy, Austria, Germany and Cyprus).

“Do you think that energy international, national and regional strategies fit the real needs of research and industry?”



How relevant are regulatory issues concerning the scientific / technological activity you carry out?
(1 "Not relevant at all" - 5 "Very relevant")





SUSTAINABLE
MEETING
WORKSHOPS
ENERGY
TRAINING
RENEWABLE

What's Coming Up Next



Next Consortium Meeting

Next consortium meeting will be held at American University of Beirut, Lebanon from November 15th to 16th ,2018. The meeting will be dedicated to discuss the progress in different work packages and to update the implementation plan

Contact Us



Visit us on the web at

<http://sites.ju.edu.jo/en/heba/Home.aspx>



Visit us on Facebook at

<https://www.facebook.com/HEBA-Project-950632175098879/>

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COMING SOON




NEWSLETTER 3



WAITING .. !



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To visit our Website 

<http://sites.ju.edu.jo/en/heba/Home.aspx>