

**561638-2014-JP-CD**

**Development of higher Education teaching modules on the Socio-economic Impacts of the Renewable Energy implementation / DESIRE**

Specific Objectives:

- To introduce the topic of socio-economic impacts of renewable energy to the curricula of undergraduate and postgraduates programmes in different MENA and possibly EU universities.
- To deepen the understanding of the socio-economic impacts of renewable energy projects among communities, working force and university renewable energy faculty members and graduates in the MENA region.
- To improve the quality of renewable energy courses offered in the partner and associated universities.
- To develop and implement online teaching modules in the field socio-economics impacts of renewable energy for a wider dissemination.
- To enhance cooperation amongst universities in beneficiary countries on one hand and with EU universities on the other hand in the field of REEE teaching, especially the socio-economic impacts of the implementation of renewable energy technologies.
- To build the capacities of the university teaching staff in partner and associated universities through training workshops.

Project Summary

Better understanding of the socio-economic impacts of implementing renewable energy and energy efficiency (REEE) technologies enables faster and more sustainable development of the REEE market. However, this knowledge field is underrepresented in the existing technically overwhelmed teaching curricula at universities and hence, is considered a deficit that should be reduced. By doing this, a proper preparation of qualified working force needed to sustain the development of the REEE market will be ensured.

The importance of this project comes from tackling this problem by integrating the socio-economic dimension in REEE teaching programmes offered at HEIs in beneficiary countries. In this context, this project aims at developing and implementing interdisciplinary teaching modules and training courses on the socio-economic impacts of REEE on university teaching level. While the teaching materials target graduate and post-graduate students, the training courses are designed to train the teachers involved in the process.

The teaching modules will be prepared by the project partners in close cooperation with associated partners from the society, academia, public and private sectors. The teaching modules cover the following aspects:

- Analysis of macro- and micro-economic impacts of REEE projects
- Analysis of social impacts of REEE projects
- Analysis of ecological impacts of REEE projects
- RE project management
- International and regional REEE markets
- Sustainable development of REEE market

In the implementation phase, the modules will be incorporated in existing curricula at partner universities and thereafter at associated universities. In a following step, these modules will be disseminated through targeted e-learning and training sessions.

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.

This project will offer an e-learning platform to promote the professional and academic development of teaching staff and students in the renewable energy field. Furthermore, the teaching and training modules prepared within the framework of the project are based on inputs from practical experiences made by the implementation of REEE projects. This shall promote taking up of practical entrepreneurial experience in education and training.

#### Project Consortium

1. Applicant Organization: German Jordanian University, Jordan

#### List of Partners (Multi-Country Project)

2. The University of Jordan, Jordan
3. University of Cyprus, Cyprus
4. Cairo University, Egypt
5. Aswan University, Egypt
6. Universita Degli Studi Di Roma La Sapienza, Italy
7. Wuppertal Institut fur Klima, Umwelt, Energie GMBH, Germany
8. Technische Universitaet Dresden, Germany
9. Damascus University, Syria
10. Tishreen University, Syria

Total Grant Requested: EUR 985,055.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561651-2014-JP-GR**

**A bottom-up approach for opening up education in South-Mediterranean countries OPENMED**

Specific Objectives:

- Raise awareness and widen HEI participation in open educational practices and resources;
- Define the OER Agenda for the re-use of OER at HE institutional level;
- Define mid-term strategic roadmaps for the implementation of the OER Agenda at local-institutional level according to the local, cultural and institutional needs and strategies;
- Teach university teachers how to use and reuse OER in a pedagogically-rich context and improve their digital competences;
- Pilot start-up open educational practices and offer to students flexible and up to date open contents and learning paths, with a linkage to the international community and the needs of the job market.

Project Summary

The project explores the adoption of strategies and channels that embrace the principles of openness and reusability within the context of South-Mediterranean HEIs. The project intends to foster the adoption and pilot of open educational practices (OEP), and open educational resources (OER) in South-Mediterranean countries as a bottom-up approach to support the modernisation, accessibility and internationalization of HEIs. The initiative also opens the possibility to provide free educational resources for self-learners, in terms of informal and lifelong learning.

OpenMED intends to facilitate the access for everyone to the university contents, thus overcoming the existing disparities in the South-mediterranean region, with the purpose of supporting a more balanced and equitable socio-economic development. Effects of the quality of contents and on the creation of long-lasting peer-based networks is anticipated as a long term result of the project.

### Project Consortium

1. Applicant Organization: UNIMED, Unione Delle Universita Delmediterraneo Associazione, Italy

### List of Partners (Multi-Country Project)

2. Politecnico di Torino, Italy
3. Universidad Internacional de la Rioja SA, Spain
4. Universidad de Sevilla, Spain
5. Coventry University, United Kingdom
6. Cairo University, Egypt
7. Alexandria University, Egypt
8. Université Cadi Ayyad, Morocco
9. Université Ibn Zohr, Morocco
10. The Board Of Trustees Of The Bir Zeit University, Palestine
11. An-najah National University, Palestine
12. Association of Arab Universities, Jordan
13. Princess Sumaya University for Technology , Jordan
14. German Jordanian University, Jordan
15. European Distance and E-learning Network LBG, United Kingdom

Total Grant Requested: EUR 871,229.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561667-2014-JP-HES**

## **Assessment Innovation in the Medical Education Curriculum (AIMEC)**

### Specific Objectives:

- Develop integrated programmes of assessment for undergraduate medical education in PCMS to complement their recently modernised curricula, centred around international standards promoted by expert bodies (e.g. World Federation of Medical Education)
- Introduce and establish new methods of assessment and assessment tools which will ensure appropriate levels of knowledge, performance and professionalism, ensuring graduates who are deemed fit to practice as doctors with benefits for society and healthcare
- Ensure that decisions made as a result of assessment are reliable, valid and justifiable to all stakeholders including students, institutions, patients and regulators
- Establish intra- and inter-institutional quality assurance processes for PCMS in which assessment will drive a virtuous cycle of quality improvement and dissemination via the AIMEC network through the creation of a suite of open access educational resources that focus on assessment implementation and innovation

### Project Summary:

AIMEC is a 24 month project designed to develop competence-based programmes of assessment in undergraduate medical education in 8 non-EU Partner Medical Schools (PCMS) in Azerbaijan, Egypt, Georgia & Ukraine in collaboration with 4 EU partners (UK, Spain, Italy, NL). AIMEC will develop assessment philosophies, programmes and standards aligned with, and appropriate for, the learning objectives of modernised undergraduate medical education curricula. This provides a reliable and valid means to ensure only those students with appropriate levels of knowledge, clinical/practical skills (performance) and behaviours (professionalism) are allowed to graduate and practice as doctors. The project ensures a virtuous circle where the results of assessment enhance learning, faculty development and curriculum.

AIMEC is a 3 phase project launching a network that focuses on needs analysis in Phase 1, intensive training centering on assessment philosophies, practices and faculty development. In Phase 2, PCMS are responsible for their own assessment satellite, taking the lead for one particular assessment mode: knowledge based and technology enhanced assessment (UA/GE), Objective Structured Clinical Examination (AZ), Workplace Assessment of Entrustable Activities (GE) and professionalism (EGY). Each satellite will pilot assessment modes and provide reciprocal training to other partners. In Phase 3, revised assessment processes will be embedded and the network focuses on project evaluation and dissemination through partner countries through the creation of Open Educational Resources. Confidence in the purpose and nature of new assessment programmes amongst all stakeholders will be ensured through their participation in targeted training and implementation.

### Project Consortium

1. Applicant Organization: Leeds University, United Kingdom

### List of Partners (Multi-Country Project)

2. Universidad de Granada, Spain
3. Universiteit Utrecht, Netherlands
4. Ivane Javakhishvili Tbilisi State University, Georgia
5. Tbilisi State Medical University, Georgia
6. Nakhchivan State University, Azerbaijan
7. Ivano-Frankivskij Nacionalnyj Medychnyj Universytet, Ukraine
8. Armed Forces College of Medicine, Egypt
9. Azerbaijan Medical University, Azerbaijan
10. National O.Bohomolets Medical University, Ukraine
11. Universita Cattolica del Sacro Cuore, Italy
12. Port Said University, Egypt

Total Grant Requested: EUR 999,348.00

Special Mobility Strand Additional Grant: No

Duration: 24 months

**561703-2014-JP-CD**

**Smart Control Systems for Energy Management: New Master Degree/ (SEM-SEM)**

Specific Objectives:

- Establishment of a new Master of Science degree program in the field of Smart Control Systems for Energy Management at the EG/JOR.
- Establishing Technology Transfer Center (TTC) for training and consultancy in AASTMT, MU in cooperation with SU.
- Establish new courses in the fields of management and control of smart industrial mechanical systems.
- Adaptation of already developed courses at partner European universities to the Egyptian / Jordanian Universities partners.
- Adoption of the Bologna convention in the EG/JOR system.
- Signing an agreement of double degree for M.SC program between AASTMT and IST as well as MU and IST.
- Developing the skills of instructors by EU Universities.
- Strengthen the relationship between the Egyptian, Jordanian and European Universities
- Establish the new labs in Egypt/JOR for autonomous systems and energy saving systems.

The Egyptian/ Jordanian/European partners are looking forward to transforming this co-operation into a PhD research.

Project Summary:

The Middle East countries are going through a period of change where governments are forced to address the need for greater access to economic opportunity. With a challenging economic environment and a growing social demand, governments believe that subsidy reform especially in energy and food might help reconcile social protection and secure fiscal positions. With almost \$17 billion spending every year in Egypt and \$2.3 billion spending every year in Jordan.

Creating a smart energy environmental project will positively affect the consumption sector through monitoring consumers' habits for energy saving purposes. This project seeks to build a new consortium of academic partners in Egypt, Jordan and Europe, whose aim is providing the market with competent young professionals ready to manage and control smart systems. The consortium should also support young professionals, and developed industries with the required training and awareness for energy saving purposes.

A professional new master's degree in Smart Control Systems for Energy Management Engineering is to be established. This master will develop a mechanical and electrical engineers in the field of Quality Energy Management and Saving. Also, the ability to establish such master program on time will fulfill the job market requirements. This project includes the Bologna system in Egyptian and Jordanian Universities. The new Masters program will be designed to follow the Bologna system's instruction, which will encourage student exchange between the consortium members.

Finally, this project bridges the knowledge triangle, education-innovation-research between industry and academia. Therefore, a technology transfer center is intended to established for targeting EG/JOR Universities, industrial and governmental entities.

### Project Consortium

1. Applicant Organization: Staffordshire University, United Kingdom

### List of Partners (Multi-Country Project)

2. Universidad de Oviedo, Spain
3. Instituto Superior Tecnico, Portugal
4. University of Cyprus, Cyprus
5. Eurotraning Educational Organization, Greece
6. Arab Academy for Science, Technology and Maritime Transport, Egypt
7. Ain Shams University, Egypt
8. Nile University, Egypt
9. Helwan University, Egypt
10. Alexandria Co. for Seeds processing and derivations, Egypt
11. University of Jordan, Jordan
12. Mutah University LTD, Jordan
13. Jordan University of Science and Technology, Jordan

Total Grant Requested: EUR 981,618.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561729-2014-JP-GR**

## **A Methodological MODernisation of the Resources Available for Foreign Language Learning In Egypt / AMON-RA**

### Specific Objectives:

- To incorporate best innovative practices in a digital repository as a referential tool for Egyptian HEIs.
- To establish Centers of Excellence for Teaching and Learning European Foreign Languages together with Computer Assisted Language Learning (CALL) resource centers at each Egyptian partner HEIs
- To increase the teaching and learning capacity of Egyptian teachers and students in European foreign languages including long term mobilities to Europe.
- To pilot European foreign language courses and modules developed through the Centers of Excellence in year 3 through blended learning.
- To implement QA system and national qualification frameworks for the use of European languages as a second foreign language
- To promote and sustain the new resources and structures developed by the project with adequate support from Egyptian HEIs and external stakeholders.
- To facilitate adequate management tools for the correct implementation of the project.

### Project Summary:

AMON-RA project wants to contribute to the development of new elements that will strengthen the knowledge triangle between European and Egyptian institutions. It trusts in a lifelong learning for Egyptian professors and researchers in new in-person and online methodologies developed for foreign language teaching, an unprecedented landmark.

Its general objectives are the following:

1. To update the curricular design for foreign language teaching in Egypt.
2. To adapt the best innovative practices in the teaching of foreign languages to the Egyptian context.
3. To implement the use of ICT and to renew the resources for foreign language teaching.
4. To support the development of a quality assurance system in foreign language teaching.
5. To contribute to the internationalisation of Egyptian Higher Education in the area of foreign language teaching.

AMON-RA project extends the 'IDELE experience' (530459-TEMPUS-I-2012-1-ES-TEMPUS-JPCR, <http://tempusidele.usal.es/>) to the teaching of all European languages involved in the new consortium and to the lifelong learning of Egyptian professors and researchers; thus,

- a) It will create an open repository of good practices and resources for foreign language teaching;
- and b) It will open a Centre of Excellence for Foreign Language Teaching and Learning in each of the Egyptian partner universities, that will provide lifelong learning to Egyptian teachers of second languages and learning and teaching resources that will modernise their professional practices. Particular emphasis will be given to resources for a Computer Assisted Language Learning (CALL). These objectives above will favour the mobility of academic staff and students between Egypt and European countries in order to facilitate the international cooperation.

They will also facilitate that higher education centres will respond efficiently to the expectations and needs of their students, especially considering the employability in the international market.

### Project Consortium

1. Applicant Organization: Universidad de Salamanca, Spain

### List of Partners (National Project)

2. Ruprecht-Karls-Universitaet Heidelberg, Germany
3. Universite de Poitiers, France
4. The Provost, Fellows, Foundation Scholars & the other Members , Ireland
5. Universidade de Coimbra, Portugal
6. Alma Mater Studiorum - Universita di Bologna, Italy
7. Cairo University, Egypt
8. Alexandria University, Egypt
9. Helwan University, Egypt
10. Ain Shams University, Egypt
11. Pharos University, Egypt
12. Minia University, Egypt

Total Grant Requested: EUR 935,184.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561762-2014-JP-CD**

## **Reform and Modernization of Undergraduate Medical Curricula and Teaching Methods based on Bologna Standards RMUM**

### Specific Objectives:

- To conduct a SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis of the existing curriculum at the beneficiary institutions.
- To reform and modernise of the existing Medical curricula at partner countries universities (PCU).
- To modernize teaching and exam methods and Staff training
- To introduce ECTS and EDS
- To modernise and/or modify Quality Assurance system.
- To disseminate knowledge and results and establish mutual cooperation between participating universities.
- ICT tools & mechanisms are integrated part of teaching support.

As we will see the objectives of this Project are SMART:

- Specific relating to one speciality with well defined content and delivery modes
- Measurable: At the end of the project, the traditional and E-training courses and training will exist and delivered
- Accurate: It is described in detail with an identified academic and non-academic staff
- Realistic: It is based on the actual needs
- Time Bound

### Project Summary:

Wider objective is to ensure that the targeted Partners universities in Syria, Egypt and Lebanon (SEL) are in a position to offer a new advanced medical curriculum in line with the new developments in the area. The main purpose of the project is to reform and modernize flexible undergraduate Medical Curricula and teaching methods (MCT), targeting both students and Medical educators. It involves both private and public universities and many university hospitals. These non-academic partners will reflect the real need for curricula development and also encourage the society-university relationship. MCT is based on advanced information and communication technologies (ICT), existing European experience and simultaneously introduces it in different public and private universities in SEL. A Quality assurance system and a Teachings Centers will be established at each partner Faculty of Medicine. ECTS information Package and European Diploma Supplement are also established.

Main target groups are:

- 1- Under-graduate students
- 2- Universities and hospitals participating staff in the project
- 3- Other universities and educational institutes in the countries of the region
- 4- Policy makers responsible for the formulation of health and high education policies
- 5- Stakeholders in disciplines related to medical and health sciences

The objectives, expected outcomes and outputs are:

- 1-Reformed, tested and implemented Medical curriculum
- 2-Modern and effective teaching and training programs and methods
- 3-ECTS information Package and European Diploma Supplement, EDS
- 4-Upgraded and modernized Quality Assurance system, Training centers and laboratory at the partner universities

A Specific focus will be devoted to the special needs and disable students. The partner universities are committed to provide the following facilities:

- TTY devices; Tape recorders for visually-impaired individuals, etc
- Extended exam times and other accommodations for students with learning disabilities;
- Facil

#### Project Consortium

1. Applicant Organization: Linneuniversitetet, Sweden

#### List of Partners (Multi-Country Project)

2. Universita Degli Studi di Foggia, Italy
3. Tallinna Tehnikaulikool, Estonia
4. Damascus University, Syria
5. University of Hama, Syria
6. IUST, Syria
7. Private university of kalamoon, Syria
8. Zagazig University, Egypt
9. Helwan University, Egypt
10. Damanhour University, Egypt
11. Sinai University, Egypt
12. Lebanese International University, Lebanon
13. Notre Dame University (NDU) - Louaize, Lebanon

Total Grant Requested: EUR 578,315.00

Special Mobility Strand Additional Grant: EUR 74,960.00

8 Mobility Flows from Egypt for 4 months each out of total 20 Mobility Flows in the project.

Duration: 36 months

**561768 -2014-JP-CD**

**Master Curriculum, Capacity Building and Network Development in Traffic Safety in Egypt, Jordan and Lebanon/ MENA-SAFE**

Specific Objectives:

- To establish clearly defined knowledge and skills required.
- Different ICT will be incorporated.
- A monthly Webinar meeting will be organised.
- A market study among Industry in EG-JO-LB
- OpenCourseWare for teachers and students.
- New pedagogical approaches.
- EU-MENA Web-based Network for University-Industry cooperation
- Web-based EU-EG-JO-LB road traffic accidents and benchmarking databases.
- A manual /compendium of EU-EG-JO-LB standards and guidelines in traffic safety.
- A practical handbook on bad/good practices in traffic safety between EU-EG-JO-LB
- Modern computer lab at the partner universities.
- EU-MENA international conference in traffic safety at the end of project.
- Summer schools in partner universities in summer 2018.
- Training the trainers (teachers and staff).
- Students' mobility and training.
- Mini video lectures (15-45 minutes) will be recorded in streaming format.

Project Summary:

Road traffic accidents are a growing health, social and economic problem in the partner countries Egypt, Jordan and Lebanon. Whereas EU countries, steadily and systematically reduced the numbers and severity of road accidents last decades, by implementing modern solutions and applications, the problems continue to grow in EG-JO-LB. Much of this existing knowledge, practices and know-how in EU can be transferred and implemented in partner countries.

The overall aim of the project is to design, develop, adapt and implement a new MSc curriculum in the field of Road Traffic Safety within joint efforts between EU-EG-JO-LB partner Universities according to Bologna requirements and EU traffic safety standards and best practices.

The developed curriculum will be based on a market analysis and job demands for graduate engineers in EG-JO-LB. The curriculum will be tailored to the problems, needs and traffic characteristics in EG-JO-LB.

This curriculum will be supported with several innovative elements e.g.:

- The EU-MENA Network in Traffic Safety for sharing best practices and know-how between universities and stakeholders.
- The EU-EG-JO-LB traffic accidents database for benchmarking and analysis.
- The EU-EG-JO-LB handbook of best practices in traffic accidents.
- The EU-EG-JO-LB handbook of traffic accidents standards.

This curriculum will be also supported with ICT supported platforms e.g. OpenCourseWare for sharing teaching and learning material, Webinar online meetings, etc.

The project will be structured into 4 phases:

1. Current curriculum analysis (from Month 1 to Month 6).
2. Development of the new curriculum and innovative elements (from M7 to M24).
3. Realisation of the new curriculum (from M19 to M24).
4. Implementation and evaluation (from M25 to M36).

This curriculum, supported material and gained skills will contribute positively on economy and society development in partner country by making road traffic in MENA region safer and sustainable.

#### Project Consortium

1. Applicant Organization: Gdansk University of Technology, Poland

#### List of Partners (Multi-Country Project)

2. Linkopings Universitet, Sweden
3. Universitat Politecnica De Valencia, Spain
4. Alexandria University, Egypt
5. Menofeya University, Egypt
6. Al-Balqa' Applied University , Jordan
7. German Jordanian University, Jordan
8. Beirut Arab University, Lebanon
9. Modern University for Business and Science, Lebanon
10. Ministry of Transport , Jordan

Total Grant Requested: EUR 892,525.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

Specific Objectives:

- Develop comprehensive gap analysis of the STEM education requirements in Egypt focusing on teacher qualification requirements for STEM track.
- Design and develop STEM teacher one-year diploma offered at EG participating universities.
- Design and develop (pedagogical-psychological, knowledge-specific) courses for STEM teacher diploma with dual education design concept and according to ECTS system.
- Develop the diploma according to ECTS system to be upgraded later to a Master's degree.
- Accredit the developed diploma both in EG and in EU through recognized STEM education development institutes.
- Develop STEM teacher resources for STEM schools or schools applying STEM concept.
- Establish STEM resource center for sustainable development of STEM school resources.
- Establish exchange links between EG and EU and train EG trainers in EU partner institutions.
- Implement the STEM teacher diploma.

Project Summary:

This project aims at creating dual (university-school) integrated diploma for developing a new generation of STEM teachers in Egypt, who are capable to provide adequate and innovative teaching in Science, Technology, Math and Engineering-based subjects, embracing STEM philosophy and are capable to bridge the gap between current school education methodologies and those needed for future pre-university school evolution. Adequate school education is the foundation for any human capacity development in Egypt, which has suffered continual degradation during last 3 decades in both quality and quantity of students pursuing STEM-based careers. This has directly contributed to ranking Egypt in the tail of the list of innovative-driven countries affecting both social and economic prosperity and effective integration in the global system. This shall be realized by an EG and EU accredited multi-track diploma lasting for 9 months, 6 of which introduced at participating universities covering pedagogical, psychological, technology-based education and engineering modules followed by 3 selective knowledge-specific tracks. The remaining 3 months are covered via apprenticeship integration in operating schools. The diploma program is equipped with a STEM resource center capable of feeding STEM schoolteachers with ever-developing ICT- and hardware resources converting abstract math/science education into engineering and technology-based innovative applications.

The targets of this program are the employed and future math/science primary/secondary schoolteachers. The proposed diploma shall be developed in cooperation between universities, public authorities and NGOs. The plan is to start running this diploma during the third year of the project to account for fine adjustments. A gap analysis will be developed and followed by comprehensive course development. A wide community impact is expected as outlined by various stakeholders from the higher and pre-university education communities.

### Project Consortium

1. Applicant Organization: Ain Shams University, Egypt

### List of Partners (National Project)

2. The Glasgow Caledonian University, United Kingdom
3. Latvijas Universitate, Latvia
4. Kungliga Tekniska Hoegskolan, Sweden
5. Nile University, Egypt
6. Alexandria University, Egypt
7. Egyptian E-Learning University, Egypt
8. Ministry of Education, Egypt
9. Misr Elkheir Foundation, Egypt
10. Ministry Of Communications & Information Technology, Egypt

Total Grant Requested: EUR 906,318.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

Specific Objectives:

- To implement innovative master degree in health informatics in partner country universities.
- To develop, validate and implement twelve courses in health informatics using innovative education methodology following European best practices (such as Bologna system and EQF).
- To develop training modules about health informatics to be integrated into the course material and student projects; with emphasis on medical records management, health analytics, and data processing.
- To train and expose staff members of partner universities on modern teaching and research practices in the health informatics domain.
- To establish an up-to-date health informatics teaching lab.
- To develop platform as a repository of Open Educational Resources (OER) on health informatics educational and training material as well as best practices.
- To Strengthen and establish academic and research networks
- To develop cooperation models to integrate academia and health profession.

Project Summary:

This project proposes the development of an MSc degree program that covers the core and new trends in Health Informatics (HI) and incorporate expertise at EU institutions and six MENA universities. The program will use modern learning and research approaches to support the program curriculum on new HI trends. Improving the efficiency of the care process, and enhancing the quality and outcome of medical treatment are underlying themes of the master program in HI. The biomedical informatics field was defined as spanning the subfields of bioinformatics (molecular and cellular processes); imaging informatics (tissues and organ systems); clinical informatics (individuals and patients) and public health informatics (populations and society). The last two subfields, clinical informatics and public health informatics together comprise health informatics, and are at the heart of our envisioned program. Our proposed curriculum will focus on:

- Clinical tasks – in particular, medical decision-making pertaining to prevention, diagnosis, treatment and follow up and the required support from information systems – as well as patient-related issues;
- Healthcare organisation and processes - in particular, the use of information technology in structuring and organising patient-care processes (care-chain logistics).

The program will provide preliminaries; foundations (such as quality of care based on clinical registries; terminology systems; and Evaluation and Usability); and emerging technologies (such as Decision Support Systems; eHealth; and Big data analytics). The program objectives are to meet the growing demand for skills pertaining to solving information-related problems and to tackle the problem of lack of job readiness of (IT) graduates entering the healthcare sector. Bringing together the various institutions will facilitate arriving at the definition of the precise program goals and the learning outcomes.

Project Consortium

1. Applicant Organization: Alcala University, Spain

List of Partners (Multi-Country Project)

2. Al-Quds University, Palestine
3. Universiteit Van Amsterdam, Netherlands
4. University Of Jordan, Jordan
5. The Board Of Trustees Of The Bir Zeit University, Palestine
6. Stockholms Universitet, Sweden
7. Ain Shams University, Egypt
8. Jordan University Of Science And Technology, Jordan
9. Cairo University, Egypt
10. Dimensions Consulting, Palestine

Total Grant Requested: EUR 976,987.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

Specific Objectives:

iBridge objectives are multi-leveled and concern all partners. One of the main ones is to build capacities of the to-be-established internationalization units with qualifications and tools to measure internationalization, analyze needs, and to strategically plan activities and mainstream with the university strategy. These units will keep working on the strategies in a form of cyclical operation. iBridge aims to establish ARAFTIN academic journal on higher education topics in the regions that are not represented in the literature. This will encourage joint research and will bring new issues and cases on the scene. As there is no professional training on internationalization skills, TUB will open the Internationalization Professionals Training Center in cooperation with the partners. The partnership will be a bridge for new ideas and best practices. iBridge will analyze, through its diversified partners, the unexplored links between internationalization and the students' employability.

Project Summary:

iBridge is a multipurpose project on the global level. Its unique setting and diversified partners make it an unmatched internationalization activity. It brings together universities from the Middle East; Syria, Lebanon, Jordan and Egypt, from South Africa, from Latin America; Peru, Bolivia, and Colombia, together with European universities from Germany, France, Spain, and Italy. Any traditional project is an internationalization activity; iBridge is internationalization in a project. It aims to implement all strategies, and plans that the EU has set as targets in the field. iBridge is beneficial to all partners; each according to its background and internationalization level. The main task is to change the internationalization activities from chaotic and ad hoc activities to strategically planned and mainstreamed with the university overall strategy. Moreover the Internationalization Professionals Training Center will be implemented in the MENA region with two branches, one in South Africa and one in Latin America. Since internationalization is a dynamic component, there is no end status to reach. It is rather a continuous process of improvement. Best practices of internationalization from EU universities will be studied and transferred to the partners. In order to achieve its objectives, iBridge will follow chronologically ordered and logical actions at all universities. It will measure internationalization, prepare needs analysis, build capacities, plan activities strategically, implement strategies, evaluate, modify strategies, and re-act. Along this, iBridge plans to establish ARAFTIN, an academic journal on the internationalization of higher education.

iBridge will be the bridge to not only transfer the knowledge and the know-how, but also to circulate and exchange information. To add to its innovation, iBridge will study links between internationalization and the employability of graduates, a field that has not attracted a lot of research.

## Project Consortium

1. Applicant Organization: Technische Universitaet Berlin, Germany

## List of Partners (Multi-Country Project)

2. Universidad de Deusto, Spain
3. Universita Degli Studi Di Roma La Sapienza, Italy
4. Université de Montpellier, France
5. Damascus University, Syria
6. Arab International University, Syria
7. IUST, Syria
8. The University of Jordan, Jordan
9. Princess Sumaya University for Technology , Jordan
10. Universite Saint-Joseph, Lebanon
11. Lebanese American University (LAU), Lebanon
12. Alexandria University, Egypt
13. Ain Shams University, Egypt
14. Durban University of technology, South Africa
15. University of Venda, South Africa
16. Universidad Nacional de Cajamarca, Peru
17. Universidad Nacional de Ingeniería, Peru
18. Universidad Mayor De San Andres, Bolivia
19. Universidad Privada Del Valle SA, Bolivia
20. Universidad del Magdalena, Colombia
21. Universidad De Los Llanos, Colombia
22. Universidad de Antioquia, Colombia
23. UNIMED Unione Delle Universita Delmediterraneo Associazione, Italy
24. Reseau Des Universites Des Capitales De L'Europe, Belgium
25. Orascom Hotel & Development , Egypt

Total Grant Requested: EUR 999,985.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

Specific Objectives:

- To provide the new graduates generation with the required comprehensive education in the field of energy informatics (information-energy based, socio environmental impacts and management that support their professional career to serve the society.
- To support the students with appropriate information for the formation of a regional data infrastructure devoted to the energy issues including technology transfer and business.
- To build up the awareness of standards including the national and international terms supporting the graduates' capacity for global energy informatics.
- To develop an informatics framework and networking capacity for energy issues projections for the region.
- To promote the entrepreneurial creativity among the new generation by sharing the energy-information based models and solutions.

Project Summary:

Projection of national and international energy industry indicators confirm the world economy is very much affected by an increase of the awareness and the available effective information that address the important energy and socio impact issues. Manifestations of the informatics importance are clear in the current severe consequences for environments and societies including the huge losses in energy consumption pattern, the little implication of renewable energy alternatives, the challenges to secure the energy demand. the threatened environmental integrity of air quality, public safety and health hazards that may lead eventually to the loss of biodiversity. The economical consequences of such energy informatics ignorance will definitely affect the development of any country and increase the societal and political tensions. Considering the current consensus and the strong signals of energy crises, the broad objective is to address on a large scale the energy informatics importance through an appropriate adaptation of educational reform to the mass of young generation at higher education institutions and public societies in the MED region.

The main goal is therefore focused on establishing a postgraduate M.Sc. program "E-Info" with an innovative curricula based on EU-MED collaboration. The outcome is professional multidisciplinary informatics graduates having the potential of energy challenges and the prospect of self solutions.

The program will encompass three multidisciplinary curricula modules engaging the study of technical, IT, and socio impacts of the energy issues supported by other relevant subjects such economic, regulatory issues, and creative entrepreneurial incentives. This will lead to an output of a new generation acting as a decision support machinery in the community and hence an enhancement to the supply chain market in the energy sector.

### Project Consortium

1. Applicant Organization: Brunel University, United Kingdom

### List of Partners (Multi-Country Project)

2. Universidad De Oviedo, Spain
3. Chimikotehnologichen i metalurgichen universitet, Bulgaria
4. Technologiko Ekpaideftiko Idryma (Tei) Dytikis Elladas, Greece
5. Universite De Caen Basse-Normandie, France
6. Kauno Technologijos Universitetas, Egypt
7. Helwan University, Egypt
8. Nile University, Egypt
9. Ain Shams University, Egypt
10. Arab Academy for Science, Technology and Maritime Transport, Egypt
11. Lebanese University , Lebanon
12. Lebanese American University (LAU), Lebanon
13. Sekem Development Foundation - SDF, Egypt

Total Grant Requested: EUR 999,818.00

Special Mobility Strand Additional Grant: EUR 323,160.00

24 Mobility Flows from Egypt (20 for 12 Months and 4 for 30 Months) out of 36 Mobility Flows in the project.

Duration: 36 months

**561827-2014-JP-CD**

**Interuniversity Learning in Higher Education on Advanced land Management  
- Egyptian Country/ ILHAM-EC**

Specific Objectives:

- Update Master curricula and improve the quality of teaching at the universities of Cairo, Alexandria, Zagazig and Damanhur in line with the Bologna requirements and the Europe 2020 strategy by October 2018
- Build a multi-stakeholder collaborative and international educational network on Sustainable Land Management by October 2018

Project Summary:

Productive land resources in Egypt are under multiple natural and human pressure that are leading to soil degradation and desertification. Agriculture land conservation is a high priority for Egypt. Several efforts have been undertaken by the government authorities of Egypt to reduce desertification processes and preserve land productivity but they have faced a wide range of obstacles, mostly related to : i) improper and irrational land use policy and planning; ii) lack of scientific knowledge and technical expertise to cope with complex problems; iii) absence of national, regional and international networking and an ineffective mechanisms for technology transfer, exchange of experience and cooperation at different levels. ILHAMEC project is intended to develop a postgraduate Master on Sustainable Land Management (SLM) within the curricula of four Egyptian universities supported by three EU ones adopting the strategy to first train teachers. During its life time, the consortium envisages to reach many results such as: studies, surveys, access to open digital contents, web learning tools, teachers training materials, an educational web-based simulation game on SLM, educational innovative video-lessons, new Master curricula, workshops and seminars. All the resources will be accessed easily, reused and adapted by the project target groups (mainly teachers, students and HEIs) at local, regional, national and European levels. Sustainability will be ensured by identifying individuals and groups or institutions that will take over its animation and moderation. ILHAMEC will have a strong impact within the same partners of the Consortium through the process of sharing knowledge, challenges and solutions. Additional stakeholders will benefit from the project as the main outcome is to spread knowledge and awareness on SLM issues and on the importance to improve quality in HEIs for increasing technical and analytic skills of young students.

### Project Consortium

1. Applicant Organization: University of Sassari, Italy

### List of Partners (National Project)

2. University Of Leeds, United Kingdom
3. Aristotelio Panepistimio Thessalonikis, Greece
4. Unimed Unione Delle Universita Delmediterraneo Associazione, Italy
5. Advanced Computer Systems A.C.S. S.P.A. , Italy
6. Cairo University, Egypt
7. Alexandria University, Egypt
8. Damanhour University, Egypt
9. Zagazig University, Egypt

Total Grant Requested: EUR 918,436.00

Special Mobility Strand Additional Grant: EUR 93,970.00

Total Mobility of 28 Flows for 5 months each are dedicated to Partner Egyptian Institutions.

Duration: 36 months

**561852-2014-JP-CD**

## **Informatics Technology Center for Advanced Robotics Education (I-CARE)**

### Specific Objectives:

- Establishing Informatics and Technology Center for Advanced Robotics Education.
- Establishment of a new MEng degree in robotics. This master degree will be sustained by double degree through cooperation agreements with UB.
- Establishing a series of robotics and automation related courses by creating a new robotics curriculum for the master program.
- Developing a new training program that will provide the target groups a greater understanding of robotics systems and will help them develop a variety of skills.
- Installing new robotics and ROVs laboratories equipped with modern training tools.
- Strengthening the relationship between the EG universities and the EU universities.
- Increasing the public and governmental awareness concerning robotics technology.
- Linking the education materials with the needs of the labor market.
- Raising the scientific and training efficiency of the EG staff.

### Project Summary:

As a part of the new developments for the Egyptian economical system, the Egyptian government had started many new projects such as the new region of Suez Canal & other industrial regions (e.g 6th of October). New Suez Canal project started in 2013 and it includes serving the industrial transportation vessels & building new industrial plants on both canal banks. Suez Canal has a major role in the urban and geographical re-distribution of the population through integrated urban projects aimed at reclamation and cultivation of some 4 million acres. Such projects require the existence of professional engineers with the knowledge of industrial robotics automated systems and marine robotics technology for maintenance & production operations. Also, petroleum industry extraction requires the profession of developing and piloting remotely operated vehicles for different proposes like welding and maintenance of underwater operations. Beside using ROVs in ship maintenance services, it can be used in rescue drowning victims in the Mediterranean sea, Red sea and the river Nile.

The AASTMT will offer a new MEng degree in robotics. A new modern robotics labs will be installed and new robotics curriculum will be established. In addition to the education program, a training program will be established along with centre of excellence (I-Care). The EU partners will train the EG staff on the new MEng courses on the new labs equipment. Trained EG staff will train the target groups (engineering students, vocational groups or technicians) through the new installed labs. A work shop & 2 conferences will be organized during the project. EU partners will assist the EG partners in applying the Bologna process and lifelong learning program to the MEng degree. MCIT as a governmental and political partner will help in attracting the target groups through its relations with the stakeholders. Double degree of the MEng will be applied between UB & I-CARE through signing coordination agreement.

Project Consortium

1. Applicant Organization: Technische Universitaet Muenchen, Germany

List of Partners (National Project)

1. Universite De Bourgogne, France
2. Staffordshire University, United Kingdom
3. Arab Academy for Science, Technology and Maritime Transport, Egypt
4. Nile University, Egypt
5. Ain Shams University, Egypt
6. Ministry Of Communications & Information Technology, Egypt

Total Grant Requested: EUR 644,850.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561877-2014-JP-HES**

## **Developing skills in the field of integrated energy planning in Med Landscapes / ENEPLAN**

### Specific Objectives:

- Helping the modernization of higher education curricula (by integrating them with issues such as energy planning, renewable energy sources, environmental impact assessment, life-cycle analysis, etc.) and increasing teachers', researchers' and students' knowledge and skills in integrated energy planning, while innovating HE teaching and learning practices.
- Increasing labour market relevance of learning provisions and qualifications, thus reinforcing the employability of graduates
- Strengthening the relations between HEI and the wider socio-economic environment, by developing common tools and networks involving planners, academics, researchers and enterprises operating in the energy sector
- Establishing a network among Mediterranean Universities, in Europe and outside.

### Project Summary:

The ENEPLAN project was conceived to address the lack of interdisciplinary approaches in higher education on energy planning and RES development in Mediterranean areas, by increasing the capacities of future professionals through innovative ICT-based educational approaches, able to integrate different disciplines (spatial planning, environment, engineering, landscape) and foster collaboration with research and business activities in the RES sector, thus keeping up with its rapid technological innovation.

Addressing this issue is crucial to ensure sustainability in energy planning, and form more qualified, up to date, employable professionals, able to deal with innovative RES-based solutions and with the complexity of their socio-economic and environmental context.

To attain this goal, ENEPLAN proposes an alternation of desk activities and workshops aimed at the collective production, development, testing and practical application of Open Educational Resources on energy planning, based on the tool of collaborative Concept maps.

A Concept map is an ICT tool to represent relationships among concepts, and, as OER, it can be "customized" according to users' needs, resulting in a versatile instrument for educational purposes and professional upgrade, as well as in a stimulus for developing applied research.

Through this tool, ENEPLAN aims to:

- improve the quality and modernisation of HE curricula and teaching and research activities in the field of integrated energy planning;
- increase the labour market relevance of learning provisions and qualifications, and the employability of graduates;
- strengthen the relations between HEI and the wider socio-economic environment, by involving academics, students, planners and enterprises in the creation of common tools and networks.

OERs, uploaded on the ENEPLAN e-learning platform, will be available in English and Arabic, to be exploitable by a wide number of users in Europe and in the Arabic-speaking Mediterranean countries.

### Project Consortium

1. Applicant Organization: Universita Degli Studi Roma Tre, Italy

### List of Partners (Multi-Country Project)

1. Universita' Degli Studi Di Siena, Italy
2. Universita Degli Studi Di Camerino, Italy
3. Malta Intelligent Energy Management Agency, Malta
4. Universidade Do Algarve, Portugal
5. Universidad Pablo De Olavide, Spain
6. American University of Beirut, Lebanon
7. Lebanese University, Lebanon
8. Association Libanaise Pour La Maitrise De L'Energie Et Pour L', Lebanon
9. MEDGREEN, Lebanon
10. Zewail City of Science and Technology, Egypt
11. Ain Shams University, Egypt
12. Al-Balqa' Applied University , Jordan
13. Jordan University of Science And Technology, Jordan
14. Princess Sumaya University for Technology , Jordan
15. University of Jordan, Jordan
16. Petra Education Company , Jordan
17. Royal Scientific Society, Jordan

Total Grant Requested: EUR 997,322.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561915-2014-JP-CD**

**IT-Based international diploma and professional certificates in clinical toxicology / ITCT**

Specific Objectives:

- Develop a comprehensive gap analysis of Egypt's exposure and impact of poisoning in various domains and professional training programs in toxicology.
- Establish a multi-disciplinary diploma program for practitioners with medical, pharmaceutical and nursing backgrounds.
- Develop professional certificates targeting practical and hands-on skills for professionals in toxicology domain.
- Design an ECTS system for the developed diploma to match with EU academic regulations and seek EU accreditation.
- Gain EG academic accreditation and government recognition through MOHP.
- Establish up-to-date facilities serving the targeted domain.
- Establish first-of-its-kind e-labs and e-learning management system for the developed diploma to expand labs and practical exposure of diploma participants and to extend diploma outreach.
- Establish an exchange of knowledge mechanism among teachers between EG and participating EU institutions.
- Implement the diploma and professional certification

Project Summary:

An IT-based, multi-disciplinary diploma accompanied with 4 professional certificate programs in clinical toxicology targeting both pharmacists, physicians (and nurses in the certificate programs) in a cross-cutting education discipline is at hand with a goal to introduce a new line of qualified professionals capable to manage, attend and deal with increasing threat of natural and synthetic poisons and poison agents in various disciplines such as agricultural, industrial, petrochemical, pharmaceutical as well as domestic and home usage. In spite of the growing use of chemicals in various industrial, domestic and home applications, very poor awareness about the toxic risks of chemicals is evident in a country with over 90 Million inhabitants and a frightening increasing rate of chemical use and abuse. This shall be realized by an EG and EU accredited one-year 60 ECTS multi-track diploma, 45 ECTS of which are covering fundamental modules serving both pharmacists and physicians, while the remaining 15 ECTS are in two separate pharmacists/physicians specialization tracks. The one-month 5 ECTS professional certificates are designed to serve particular areas with extensive practical and hands-on skills content. Both the diploma and the certificate programs incorporate intensive implementation of e-laboratories covering most of the lab work that would require complicated simulations or tests on life samples to be the 1st in that domain in Egypt integrating ICT and e-labs/e-learning technologies as a main ingredient in content and delivery means. The targets of this program are professional pharmacists and physicians in hospitals, in poison control centers, pharmaceutical companies or employed in health departments in industrial enterprises. The proposed diploma shall be developed in cooperation between universities, public authorities and NGOs. A wide community impact is expected as outlined by various stakeholders from the academia and health-related authorities.

### Project Consortium

1. Applicant Organization: Cairo University, Egypt

### List of Partners (National Project)

2. Universita Ta Malta, Malta
3. University Of Newcastle Upon Tyne, United Kingdom
4. Kungliga Tekniska Hoegskolan, Sweden
5. Ain Shams University, Egypt
6. Alexandria University, Egypt
7. Assiut University, Egypt
8. Ministry of Health and Population, Egypt
9. Egyptian Medical Society for Toxicology and Environmental Dise, Egypt
10. Ministry Of Communications & Information Technology, Egypt

Total Grant Requested: EUR 917,716.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561929-2014-JP-HES**

## **Integrating Blended Entrepreneurial and Manufacturing Technology Competency into Socioeconomic Development in Egypt (BEMT)**

### Specific Objectives:

- Develop comprehensive gap analysis of manufacturing industries production scale and technologies and entrepreneurship models in EG and similar countries.
- Develop a manufacturing technology entrepreneurship education and training program integrating manufacturing technology core with small-business development.
- Develop technology-based education modules for engineers covering 6 technologies with in-depth practical implementation.
- Develop business development and entrepreneurship training modules for engineers.
- Establish sustainable industry links with the new enrolled entrepreneurs to facilitate products specification and establish market demand.
- Establish a sustainable network of start-up funding agencies, develop start-up process and procedures and establish a link with the enrolled new engineering entrepreneurs.
- Train EG trainers/teachers in manufacturing technology/entrepreneurship.
- Implement the developed continuous education program during the project lifetime

### Project Summary:

An interdisciplinary manufacturing/business entrepreneurship continuous learning system is introduced aiming at developing a new line of small-business owners with engineering background grasping in-depth expertise in manufacturing technology with adequate entrepreneurship skills capable of establishing a sustainable small manufacturing business within micro economy spectrum. Although, manufacturing technology industries are deep-rooted in Egypt, recent statistics indicate a significant retreat in supply-to-demand ratio revealing a completely abandoned industry domain that is eligible and feasible to flourish in different business size models, particularly in micro/small domains, which are most suitable in heavily populated countries with economic hierarchy similar to the one in Egypt. Hence, a post-university continuous learning program is developed targeting graduates with mechanical/industrial engineering background, which blends manufacturing technology expertise and business- and technology-management skills in two fundamental learning modules each spanning over 96 contact hours, followed by 6 technology-specific tracks, 96 hours each, with extensive hands-on and practical training resulting in graduates mastering both technology and business development competencies. The targeted technologies map the actual industry needs and range from conventional to advanced computer-controlled types. A comprehensive web-based training complements the machine-shop practice to deepen the technology expertise fulfilling today's demands in quality and cost competitiveness. The learning system finally ends with participants developing their own business plan and are engaged with public authorities, feeding-to industries and funding entities to process the start-up they were trained and prepared for, thus completing the continuous learning process cycle with an expected wide impact on the industry and the community in Egypt at large both from social and economic perspectives.

Project Consortium

1. Applicant Organization: Universidad De Oviedo, Spain

List of Partners (National Project)

2. Hochschule Karlsruhe Technik und Wirtschaft , Germany
3. Turun Yliopisto, Finland
4. Ain Shams University, Egypt
5. Aswan University, Egypt
6. Nile University, Egypt
7. Arab Academy for Science, Technology and Maritime Transport, Egypt
8. Industrial Training Council, Egypt
9. Chamber of Engineering Industries, Egypt
10. Misr Elkheir Foundation, Egypt

Total Grant Requested: EUR 916,166.00

Special Mobility Strand Additional Grant: No

Duration: 36 months

**561943-2014-JP-GR**

## **Innovating Internationalisation through Connecting Mediterranean and European Universities II Connect**

### Specific Objectives:

The specific objectives (SO) of the project are to build the capacity of Southern Mediterranean HEIs to internationalise strategically (and in partnership with European HEIs) in three specific areas where internationalisation is growing in relevance as a driver and an outcome:

- Building research capacity and linking it to teaching through collaborative international graduate programmes (on the masters and doctoral level) (SO1),
- Developing and implementing tools and approaches for ICT/e-learning in the internationalisation of education (SO2),
- Fostering internationalisation through university-industry collaboration and community outreach (the 'third mission') (SO3),
- To realise these specific objectives and to best promote their take-up and impact, the project will contribute to connecting different networks and associations supporting internationalisation in the South Mediterranean Countries and in Europe and create synergies between their activities (SO4).

### Project Summary:

II Connect will build the capacity of Southern Mediterranean HEIs (in Egypt, Palestine, Jordan, Morocco) to internationalise strategically in 3 specific areas: collaborative graduate programmes, ICT/e-learning and university-industry collaboration/community outreach. The project will explore internationalisation specifically through the lens of these themes, which are on the forefront of internationalisation and university development more generally. It will do this in an intra- and bi-regional context, building Euro-Med and intra-Med institutional partnerships and connecting networks and associations active in both regions. It entails 3 main phases: 1) the partner universities will conduct a SWOT analysis of their current state of internationalisation, 2) bi-regional working groups will map good practices in the 3 project themes and produce 'orientation reports' that will 3) inspire pilot projects in each of the Southern Med universities, specifically aimed at one of the internationalisation dimensions. This could be developing a MOOC collaboratively, launching an industry placement programme for international students or developing a joint doctoral programme. All pilots will be connected to the strategic goals of the institutions. European university partners will support Southern Med universities in their pilot. The university associations/networks - EUA, AARU, UNIMED and UNICA - will disseminate the results more widely in both regions.

The project will not simply be about transfer of capacity from Europe to the Southern Med, but allow European institutions to gain insights reciprocally. Southern Med universities will have a sharpened strategy when it comes to internationalisation and will have been able to pilot a distinct initiative to support this. Important European and Southern Med networks/associations will have pooled resources around a common issue – internationalisation – and promoted lessons learned widely across their membership and at policy level.

### Project Consortium

1. Applicant Organization: Association Europeenne De L'Universite, Belgium

### List of Partners (Multi-Country Project)

2. Reseau Des Universites Des Capitales De L'Europe, Belgium
3. Unimed Unione Delle Universita Delmediterraneo Associazione, Italy
4. Association of Arab Universities, Jordan
5. University Of Cyprus, Cyprus
6. Universite Paris I Pantheon-Sorbonne, France
7. Technische Universitaet Berlin, Germany
8. Politechnika Lodzka, Poland
9. Universitat De Barcelona, Spain
10. Ain Shams University, Egypt
11. Beni Suef University, Egypt
12. University Of Jordan, Jordan
13. Yarmouk University, Jordan
14. University Ibn Tofail, Morocco
15. University Mohammed V-Agdal , Morocco
16. The Board Of Trustees Of The Bir Zeit University, Palestine
17. Palestine Technical University - Kadoorie (PTUK), Palestine
18. Ministry of Higher Education and Scientific Research, Jordan
19. Ministere De L'Enseignement Superieur, De La Formation Des Cad, Morocco

Total Grant Requested: EUR 778,915.00

Special Mobility Strand Additional Grant: EUR 28,630.00

4 Mobility Flows from Egypt (2 for 10 Months and 2 for 5 Months) out of 21 Mobility Flows in the project.

Duration: 36 months

**562001-2014-JP-GR**

**Managing Internationalisation: a Challenge for Mediterranean Africa /  
MICMA**

Specific Objectives:

Within the wider objective to support internationalisation of the HE field in the eligible partner countries contributing to the cooperation between them and the EU and amongst themselves, MICMA project is intended to developing a strong capacity building action aimed at transferring knowledge between EU HEIs and institutions in the target Partner Countries in the fields of international relations, networking and mobility, fostering and or developing:  
international mobility at all level; related tools and services; related recognition mechanisms; international relations capacities.

Project Summary:

MIMCA is intended to modernize the capacity of internationalization and cooperation of partner countries. Specific objectives of the project is to develop capacity building action aimed at transferring knowledge between EU and target Countries in the fields of international relations, international networking, international mobility and related instruments and recognition mechanisms. The action is divided into four phases. Phase 1(WP1) will be devoted to a consultation process aimed at identifying the most relevant partner countries needs and expectations related to internationalisation issues. Phase 2 (WP2–WP 3) will be focused on training activities. One week training activity conducted by staff of EU partners will take place in one of the Mediterranean partner institution: the scheme will include a total of 7 training weeks to be developed each time in a different partner country. Phase 3 (WP 4) is aimed at organizing a Summer School to be held in African region: African institutions will play an active role in the management and they will be required to put into practice the results of the previous training course. Phase 4(WP 5) of the project will be dedicated to the exploitation and disseminations of results: African partner will have three tasks: 1. writing an international cooperation project; 2. elaborating a model of student guide, in English or French; 3. producing a training model for academic and administrative staff on how to enhance transversal competences needed to work in an international environment. The dissemination activity(WP6) will be developed trough the project web site and specific activities both at regional and international level; an Interregional Seminar will be held as conclusion of the phase 1 and Final Conference aiming at validating the results and to disseminate experience and good practices will be organized. A specific quality assurance strategy has been adopted.

## Project Consortium

1. Applicant Organization: Universita Degli Studi Di Padova, Italy

## List of Partners (Multi-Country Project)

2. Universitat De Barcelona, Spain
3. Universidad De Granada, Spain
4. Universite Jean Monnet Saint Etienne, France
5. Université de Montpellier, France
6. Alma Mater Studiorum - Universita Di Bologna, Italy
7. Uniwersytet Jagiellonski, Poland
8. Universitatea Alexandru Ioan Cuza Din Iasi, Romania
9. University of Sciences and Technology of Oran-Mohamed Boudiaf, Algeria
10. Universite De Tlemcen, Algeria
11. Alexandria University, Egypt
12. Cairo University, Egypt
13. Universite Abdelmalek Essaadi, Morocco
14. Université Hassan 1er, Morocco
15. Université Hassan 1er, Tunisia
16. University of Monastir, Tunisia

Total Grant Requested: EUR 833,070.00

Special Mobility Strand Additional Grant: EUR 19,670.00

4 Mobility Flows from Egypt for 7 Months each out of 31 Mobility Flows in the project.

Duration: 36 months