

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 M.Sc 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