Transport Safety and Security

Workshop

22nd May 2024

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❑ About the Program

Going Global Partnerships

Going Global Partnerships builds stronger, more inclusive, internationally connected higher education and technical and vocational education and training (TVET) systems.

The overall expected outcomes of the programme focus on:

- **Enabling research**
- **Internationalising higher education and TVET institutions**
- **Strengthening higher education and TVET systems**
- **Enhancing student outcomes**

❑ About the Program

UK – Egypt Trans-National Education (TNE) Grant

There are three key target development areas:

- A teaching and collaboration model and a course or module that contributes towards UK and Egyptian bachelor's, master's, or professional association qualification

- A model and a course that contributes to student outcomes through significantly enhancing employability skills and prospects, e.g., an apprenticeship degree

- A development programme to improve the capacity of the institution/organisation for international working at institutional level

❑ Project Partners

Coventry University	**Coventry University** School of Energy Construction and Environment (ECE)	Lead UK partner
AIN SHAMS UNIVERSITY	**Ain Shams University** Centre of Mobility Research (CMOR)	Lead Egyptian partner
Newcastle University	**Newcastle University** School of Engineering	Associate partner

❑ Project Aim and Objectives

The proposed project's activities aim to design a teaching and learning collaboration model for the Transportation Safety and Security (S&S) module, which contributes to a master's level in the UK and Egypt.

Moreover, it will establish a long-term collaboration between two UK universities and one from Egypt. They will share knowledge and work together to strengthen their capabilities in transport, in general, and transport safety and security.

❑ Project Aim and Objectives

- Sharing information and in-depth analysis of the content of relevant modules within the curricula of transport courses at partner universities.
- Develop a comprehensive MSc module on road and rail transport safety and security in Egypt and Initiate the module's accreditation activities.
- Provide the staff with innovative teaching and learning approaches, including digital learning, to enable them to participate in teamwork involving networks of geographically dispersed professionals.

❑ Brief Description

WP1	**Review of standards and Specifications**
1.1	Review of standards solutions and innovations in road and rail S&S
1.2	Mapping relevant modules at the Ain Shams and UK universities
WP2	**Module information and description**
2.1	Developing of the module delivery plan, learning outcomes and staff in charge
2.2	Developing the module material and preparation for accreditation
WP3	**Development of digital learning materials**
3.1	Building XVR models for road and rail S&S scenarios
3.2	Testing the models and developing different simulation scenarios
WP4	**Project Communication and Dissemination**
4.1	Dissemination plan
4.2	Developing website
4.3	Organizing workshop sand Webinars
WP5	**Project Management**
5.1	Organize kick-off, intermediate and final meeting
5.2	Overall Project Management

Organising 1st Workshop at Coventry

Organising Transport Safety Webinar

Organising 2nd Workshop at Cairo

❑ Expected Outcomes

Immediate Outcomes:

- Mapping of transportation modules delivered for each institute involved in the project to identify the gaps and benchmark the new proposed module.
- Identifying the needs for Egyptian staff for training and skills development.
- Enhanced understanding and appreciation of road and rail users' safety measures.
- Creating an innovative e-learning material for transport safety using XVR technology.

Medium/Long-Term Outcomes:

- Contribute to implementing the recommendations of the Road Safety Cluster of the African-EU Transport Task Force adopted in 2020

- Establishment of new channels with transport safety professionals and accreditation bodies (IHE, CIHT, PWI) to identify the framework of collaboration and possible training opportunities.

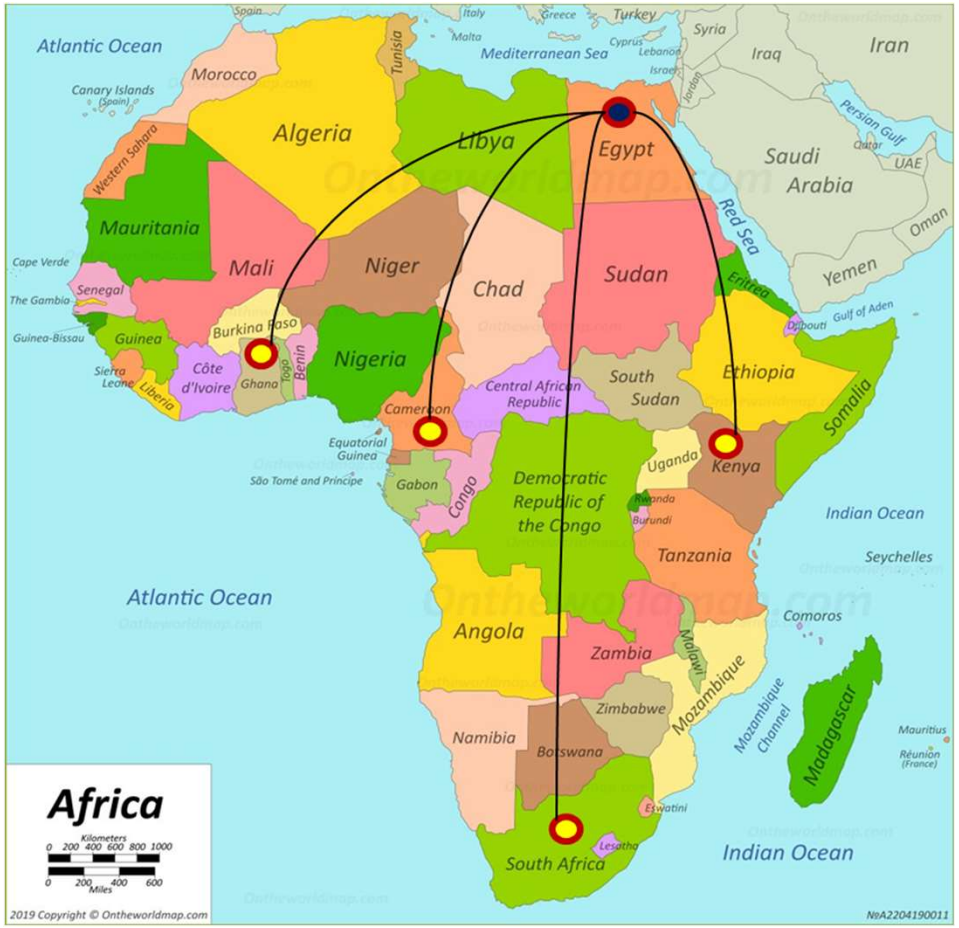
Future vision

Transport safety and innovation cluster

- Providing effective design of roads and rail, safety practices, measures and policies which benefit establishment of safe system approach on the national and regional strategies

- Helps in promoting Safe Africa cluster's recommendations to reduce the road and rail fatalities and serious injuries.

- Disseminate the Know-how and sound technical and governance solution on the national and regional level.



Any questions?

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