Project Overview:
Enhancing Graduate Engineers Employability using a Win-Win Innovative Triple Helix Partnership Model is a three years project funded by the World Bank implementing by PPU. The main goal of this project is to increase the employability of the university students by providing them with entrepreneurial and real-life skills that would help them to best compete in the job market and equip them to venture with more confidence into self-employment.

Strategic Objectives:
1. To modify the curricula of engineering degree programs, in particular energy and environmental engineering through the viable university-private-public partnership, thus making graduates more capable for meeting market needs.
2. To train students on management, organization, and critical thinking, skills and communications highly needed by employers.
3. To build a viable dynamic partnership based on a proven partnership model for achieving the project goals.

Project Partners:
1. Palestine Polytechnic University (PPU) – Academic Sector.
2. Palestinian Energy and Environment Center (PEC) – Palestinian Energy and Natural Resources Authority (PENRA) – Public Sector.
3. Tubas Electricity Company – Private Sector.

The Expected outcomes of the project:
1. Students are more confident as they will be equipped with management skills, communication and organization capabilities, teamwork attitudes, language use, and knowledge management.
2. Students and their tutors are exposed to real-life problems in their field of study and work respectively. In particular, they are more capable of addressing problems, and solving them.
3. Partners are more confident in the partnership and its value in business and development aspects.

Target Groups and Beneficiaries:
1. Students are more confident as they will be equipped with management skills, communication and organization capabilities, teamwork attitudes, language use, and knowledge management.
2. Students and their tutors are exposed to real-life problems in their field of study and work respectively. In particular, they are more capable of addressing problems, and solving them.
3. Partners are more confident in the partnership and its value in business and development aspects.

Triple Helix model is of three steps:
1. A movement towards cooperation and integrated relationships between the three actors.
2. A more prominent and inclusive role of the university on equal terms as public institutions and private sector in the knowledge society.
3. The three partners must modify their traditional roles, participating actively in the functional roles of the other, so called ‘innovation in innovation.’

Achievements of the project:
- Setting up the Project steering committee and project team.
- Awareness raising workshop (partners, students, private sector).
- Egypt RCREEE Visit exchange experience with Egyptian side.
- TOT life skills training –15 participants –contact signing phase.
- Local and international curricula development consultant recruitment in the contract signing phase.
- Students visit to local energy company (Tubas electrical company).
- Books and notebooks purchase order phase.

Methodological approach:
- Conducting market needs assessment regarding energy 2 environment skills.
- Reviewing the existing programs curricula and matching the market needs with the intended learning outcomes (ILOs) of existing courses.
- Modifying /adding new courses in order to decrease the gap between market needs and program outputs.
- Conducting short-term and/or long-term training programs in fields cannot be covered in regular courses /or for applied new technologies.

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