UNIVERSITY OF CASSINO AND SOUTHERN LAZIO - ITALY

TECHNICAL GREEN ENGINEERING SKILLS FOR MEDITERRANEAN REGION

Valencia at UPV 16 November 2026

THE PROJECT

Prof. Alessandro Figus

Co-funded by the European Union

THE PROJECT

The **TECGREMED** is an ERASMUS+ 2 years project, it fosters the development of Vocational Education and Training (VET) in green engineering skills innovation across Europe neighbouring countries, through the establishment of training program in the regions of *Jordan, Palestine and Morocco* which empowers local and refugees youth with innovative, inclusive and sustainable set of skills needed for *Labour Market*.

Co-funded by the European Union

SPECIFIC PROJECT OBJECTIVES

- Development of the training program on Green Engineering skills including civil, renewable energy, and energy efficiency in partner higher education institutions in partner countries according to the Bologna Process;
- Provide state-of-the-art knowledge to students in the fields of civil engineering, renewable energy, and efficiency and renewable power.
- Apply for accreditation of the diploma program at the responsible education authorities.
- Structure the developed courses according to the Bologna process at partner universities and to fit the ECTS system.

Co-funded by the European Union

THE PARTNERSHIP

Institution Role	Country	TECGREMED INSTITUTION	Erasmus+ region
Coordinator	Italy	**UNIVERSITA DI CASSINO E DEL LAZIO MERIDIONALE**	EU Member State
Partner	Jordan	**The University of Jordan**	South-Mediterranean countries (Region 3)
Partner	Italy	**SICUREZZA E LIBERTA'**	EU Member State
Partner	Jordan	**ZARQA UNIVERSITY**	South-Mediterranean countries (Region 3)
Partner	Palestine	**AN-NAJAH NATIONAL UNIVERSITY**	South-Mediterranean countries (Region 3)
Partner	Morocco	Sidi Mohamed Ben Abdellah University	South-Mediterranean countries (Region 3)
Partner	Spain	**UNIVERSITAT POLITECNICA DE VALENCIA**	EU Member State

SPECIFIC PROJECT OBJECTIVE

- Ensuring transfer of knowledge, connected with practice, and exchange of experience between the countries;
- Implement community outreach activity including demonstration workshop in selected vocational schools in the three PC countries.
- Establish teaching laboratories in partner higher education institutions in Jordan, Palestine, and Morocco;
- Organize staff/students training in Jordan, Morocco, Palestine and EU universities (Italy and Spain)

Co-funded by the European Union

THE OBJECTIVES FOR THE FIRST 10 MONTHS HAS BEEN……

- Develop a comprehensive situation analysis of the VET skills in green engineering in the project regions, including existing policies, strategies, and initiatives, as well as the capacity of VET providers to fullfill the needs of the sector.
- Identify and analyze gaps between the existing VET in engineering disciplines landscape and the needs of the sector, as well as opportunities for improvement.
- Identify capacity needs and develop capacity building plans for VET in engineering market providers, taking into account identified gaps.
- Enhance local participation through partnerships and open workshops in engineering skills

Co-funded by the European Union

OBJECTIVES
FOR THE FIRST 10 MONTHS HAS BEEN

- Build capacity of educators in the design and delivery of green skills in engineering.
- Create a database of relevant employers ,or internship providers entrepreneurial projects in the fields of engineering in the all project partners.
- Develop specific concepts and models for the integration of VET in partner universities programs.
- Determine the courses and study levels where market engagements are most needed in green practices.
- Determine faculty capacity building needs in VET in green engineering practices.

Co-funded by the European Union

OBJECTIVES FOR THE LAST 10 MONTHS HAS BEEN……

- Develop and implement learning materials with a focus on VET in Green Engineering.
- A minimum of 4 courses from the program will be developed to allow for the integration of the VET cycle in the curricula
- New training courses will be introduced to the participating programs, existing courses will be modified in response to gaps and needs

• Work placements will be arranged in collaboration with continues education centres.

Co-funded by the European Union

THANK YOU FOR YOUR ATTENTION

☺☺☺



TECGREMED