



Technical Education for Renewable Energy and Energy Efficiency Project Overview



Co-funded by the European Union



Implemented by



Project Partners



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Vision

Build sectoral business hubs that service the RE/EE companies, provide long-term solutions, and supply them with highly qualified technicians capable of handling the new technologies in the field and competing on international level





About TEREEE

Technical Education for Renewable Energy and Energy Efficiency – TEREEE is a **€65 million** project funded by the KfW and co-funded by the EU to tackle two crucial areas to enhance technical education and employment prospects for young adults in Egypt in the RE/EE sectors

Component 1



Establishing three Centers of Competence focused on Renewable Energy Education, aimed at providing students with the necessary knowledge and skills to spearhead sustainable energy initiatives

Component 2



Revamping supported technical schools by improving infrastructure and equipment. Furthermore, offering thorough training for teachers and students to enhance both technical and non-technical skills



The Impact

The ultimate goal is to provide companies with technical training programs that are top-notch, hands-on, and aligned with market needs. These programs aim to empower young Egyptians to secure rewarding careers and play a part in creating a sustainable future





About

Vision and Objectives

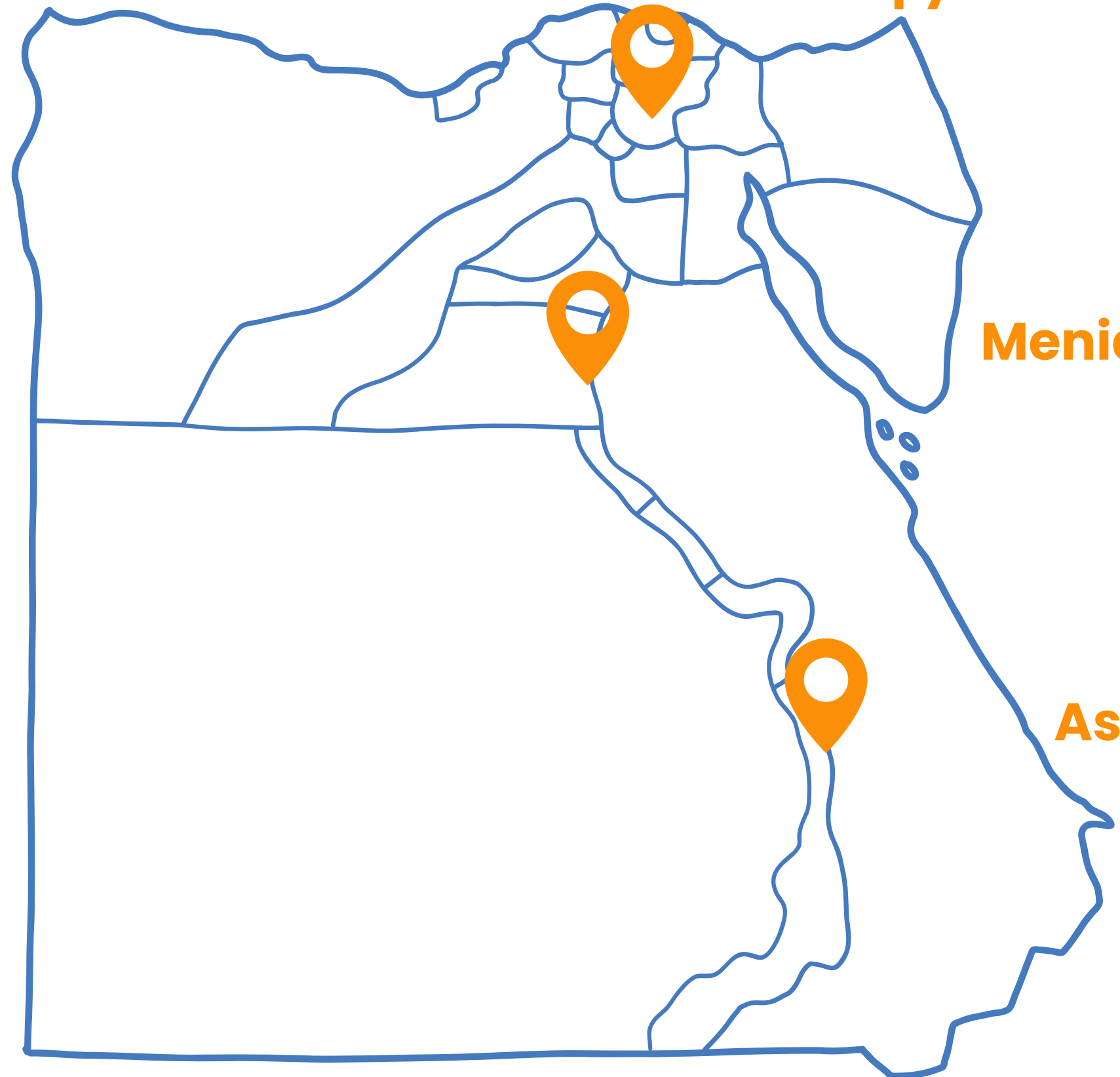
CoCs



Alsharqiya

Menia

Aswan



Establishment of 3 Centres of Competence in Renewable Energy and Energy Efficiency in Menia, Aswan, and Alsharqiya



Project Objectives

Industry-related

Develop future solutions for energy efficiency

Provide support for private-sector energy service providers

Facilitate collaborations between energy researchers and professionals

Advance the sector of renewable energy

Contribute in solving energy-related problems



Project Objectives

Caliber-related

Build students' research capacity in RE/EE

Implement updated global learning methods

Boost the number of job-ready technicians

Equip workshops and labs with latest tools & equipment

Raise RE/EE awareness nationwide

Equip students with cutting-edge RE/EE skills

Twining with European universities

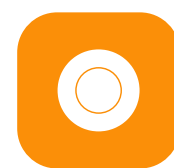





WHAT IS A CENTRE OF COMPETENCE (CoC)

The CoC serves as a business hub for Renewable Energy and Energy Efficiency (RE/EE), offering technical support, training, and expertise to meet market demands. It collaborates with universities, research institutions, and holds recognized certificates accredited by national and international organizations








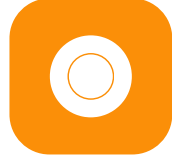



Special features of the RE/EE CoCs

-  Contributes to the transformation of Technical Education in Egypt TE 2.0
-  Beyond the Textbook: A 60/40 blend of practical application and theoretical foundation.
-  Digitalised learning contents, Inclusion of e-learning and distance learning
-  Shaping graduates with the mindset and skillset for the 21st century.
-  Cross-Border Expertise: Collaborating with international universities and training centers.
-  Building Independent Thinkers – Students take center stage in a collaborative learning environment.



Special features of the RE/EE CoCs

-  Networking with private sector , RE/EE national authorities and relevant TSS
-  RE/EE specialized CoCs that pave the way for entry into top technological universities.
-  Supporting professional development through short courses and teacher training in partnership with TVETA.
-  Promote gender equity and inclusion of marginalized groups
-  Enhance youth employment in Egypt by aligning with sector needs.
-  A zero net energy building
-  Competency-based training and work process orientation



Why Partner with TEREEE



1 Access to a pool of high caliber technicians and sustainable talent pipeline



2 Exclusive board composition and impacting the sector on the regional level



3 Positive public image and brand recognition



4 High relevance of the training contents through responsible participation of the private sector



5 Saving on Operational Expenses (OPEX) and on capital expenses (CAPEX)



Why Partner with TEREEE



6 Involvement in revolutionizing technical education in Egypt through TE 2.0



7 Operational and financial autonomy



8 Fractional recruitment and capacity building costs



9 High quality training and education accredited by Egyptian and German authorities



10 Tax Exemption Benefits





Contact Us

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THANK YOU

Technical Education for Renewable Energy and Energy Efficiency

Promotion of TVET & Promotion of Sustainable Energy in TVET project is implemented by KfW- the German Development Bank and receives co-funding from the European Union.

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