



Tunisia

Strengthening Quality Infrastructure for Photovoltaics II

Objective	The demand for high-end quality infrastructure services designed to ensure the quality and reliability of photovoltaic (PV) facilities increases.	
Approach	<p>The project pursues a multi-level approach. However, it concentrates on the meso level while focusing on strengthening the technical capacities and institutional capabilities of the quality infrastructure organizations. At the macro level, support is provided by means of informational events addressed to political decision-makers and by improving the normative and regulatory frameworks. The instruments used include basic and advanced training measures for specialists and executives, technical consultancy measures provided by experts, the organization of training workshops, of comparison measurements and of study trips, and material resources to a lesser extent.</p> <p>The project consists of four axes: In Axis A, it is planned that the capacities and capabilities of the quality infrastructure institutions will be strengthened so that they meet expressed needs. Axis B is designed to enhance cooperation and coordination between the quality infrastructure institutions and the relevant stakeholders of the PV sector. Awareness-raising activities aimed for the public administration and PV-related businesses will be developed and implemented within the scope of axis C so that demand for quality assurance services increases. Finally, axis D offers technical advice and support within the scope of pilot activities in order to ensure the quality of PV facilities.</p>	
Impact	<p>The quality proofs required for PV modules and other PV components cannot be issued in Tunisia yet. Furthermore, the quality of the products and services that are already on the market is not transparent. This is due to the fact that not all of the capabilities and capacities needed to improve the quality of PV facilities are available yet, and the demand for existing services is not sufficient yet.</p> <p>This is how the proposed module suggests to tackle the problem: by developing and increasing the demand of the PV sector for services provided by an operational and efficient quality infrastructure, it is possible to increase the lifespan, the safety and the performance of PV facilities. Thus, the consumers' confidence in the PV sector also increases. The project therefore contributes to the sustainable development of the PV market and reduces the Tunisian energy sector's dependence on fossil fuels.</p>	
Cooperation	The project is designed as a complement to the endeavours of other German implementation organizations in the field. PTB therefore works in close cooperation with GIZ, KfW and the German-Tunisian Energy Partnership in order to ensure that the projects in the sector of photovoltaic energy are complementary.	
Financing	German Federal Ministry for Economic Cooperation and Development (BMZ)	
Term	2020–2023	
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