

Site giz de giz ghana solar

Title:Market Entry into Renewable Energy and Energy Efficiency for the Productive Sector and TVET
Commissioned by:Federal Ministry of Economic Cooperation and Development (BMZ)
Countries:Ghana
Lead executing agency:Ministry of Energy
Overall term:2018to 2021

To increase the amount of RE and EE investments, the German Federal Ministry for Economic Cooperation and Development (BMZ) has commissioned the bilateral project "Market entry in renewable energy and energy efficiency and technical education and vocational training (TVET) for the productive sector in Ghana". The project supports the process of achieving the goals of the German-Ghanaian reform and investment partnership set by the Ghanaian partners in the Reform Roadmap.

The prerequisites for the use of RE and EE solutions by private-sector electricity consumers and energy supply companies are improved. This will be accompanied by improving the conditions for demand-oriented education and further training of skilled workers needed by the energy sector.

Market entry for RE and EE solutions
The strategic focus of the project is to overcome barriers to market entry and development which have so far prevented Ghana's private electricity consumers as well as businesses and households from making greater use of RE and EE.

The project provides training, advisory and other support services to strengthen the capacities of key market actors in order to enable companies to increasingly satisfy their energy needs through RE.

In pursuit of the project's objectives an Energy Service Centre has been established - hosted by the Association of Ghana Industries (AGI) - to serve as a connector between RE/EE service providers and potential clients.

To ensure a holistic development of the RE/EE sector, the project supports public utility companies to prepare for the transition of the energy sector, mainly caused by self-generation of electricity from RE and improvements in EE by their customers.

Technical and Vocational Educational Training (TVET)
Improving the framework conditions for the expansion of RE/EE in the productive sector of Ghana also includes TVET. It addresses the shortage of qualified RE and EE demand-oriented skilled workers (e.g. for the planning, installation, operation, maintenance and repair of RE systems and EE solutions).

The main deficits are insufficient involvement of industry in the development, implementation and examination of vocational training courses with a focus on RE and EE, as well as a deficit in personnel, institutional and cooperation capacities of vocational training providers.

In order to overcome the obstacles, the project firstly aims at getting the industry actively participating in the development, implementation and examination of vocational training courses with a RE/EE focus. For this, a Sector Skills Body will be established for the participation of sector stakeholders to advise on the development of vocational standards and curricula. Secondly, it will strengthen vocational training institutions and help establish new RE and EE training programmes.

Lastly, the project will develop approaches to ensure the successful transitions of school leavers, unemployed, self-employed or dependent employees into initial and continuing vocational training and in (self-) employment.

Bezeichnung: Markteinstieg in Erneuerbare Energien und Energieeffizienz für Ghanas produktiven Sektor und TVETAuftraggeber: Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (BMZ) Land: Ghana Politischer Träger: Ministerium für Energie Gesamtlaufzeit: 2018 bis 2021

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