**Project Summary**

**Project Background**
Morocco has adopted a national energy strategy by 2020 aiming at:
- significantly reducing the country’s heavy reliance on fossil fuels through the development of renewable energy and energy efficiency,
- contributing significantly to the reduction of GHG emissions.

A priority of bilateral technical cooperation between Germany and Morocco is the anchoring of renewable energy (RE) and energy efficiency (EE) technologies in Morocco by strengthening the skills of local actors in this field.

In this context, GIZ initiated the project "Improvement of the energetic infrastructure in the Oriental region" (APIELO) aiming at strengthening the capacities of private and public actors in the Eastern region in the fields of Renewable Energies and Energy Efficiency, with a view to the best adjustment of supply and demand in this field, the development of RE/EE markets and jobs and the introduction into the region of a RE/EE culture capable of ensuring the sustainability of the actions undertaken.

**Project Objectives**
As part of the APIELO project, GIZ is supporting Morocco in several flagship projects. The aim of this project is to accompany the University Hospital Centre of Oujda and the airport of Oujda-Angad (operated by the company ONDA) in the improvement of the energy efficiency and the reduction of the energy bill of their various buildings by evaluation of the potential for energy saving, integration of renewable energy systems and optimisation of service quality.

**Project Results**
The project’s success indicators are following:
- Reduction of thermal, fluid and electrical energy consumption
- Reduction of relevant operating budgets and GHG emissions
- Increased profitability and competitiveness of both institutions
- Improvement of the level of training of staff in institutions on energy and environmental matters

**Services Provided**
- Carry out a preliminary orientation diagnosis - based on the consumption history of the last 3 years - to understand the starting energy situation;
- Conduct a detailed audit with proposed action plan with technical and economical assessment. The action plan will focus on 3 areas: improvement of existing processes, technical innovation and energy management;
- Conduct arbitration with all stakeholders to develop an action plan for EE/RE priority actions;
- Provide technical support for the implementation and monitoring of these priority measures, in particular for the launch of calls for tenders by providing the necessary technical specifications;
- Within the institutions: train “energy managers” to make the process sustainable beyond the end of the project, raise staff’s awareness of energy conservation issues and good environmental daily practices;
- Communicate key EE/RE project results to key project stakeholders (policy makers, engineers, architects, students);
- Conduct an advisory activity for ISO 50001 certification.

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**Morocco**

**Improvement of the energy balance of the buildings at the Oujda University Hospital Centre and Oujda-Angad Airport**

**Client**
German International Cooperation (GIZ)

**Duration**
22/07/2019 - 31/05/2020

**Personnel**
- 1 internat. STE (1,9 PM; Project Manager; EE RE technical expert)
- 1 national STE (2,3 PM; EE RE technical expert)