Project Summary

Project Background
The project “Promotion of Employment through Energy Efficiency and Renewable Energies” aims to optimize the management and energy bill of buildings in Morocco. To achieve energy savings, the project supports the installation of LED lamps, solar water heaters and/or photovoltaic panels in mosques. In parallel, it supports the development of model specifications including the notion of energy efficiency in the envelope of these buildings.

The framework of the Project also provides for an extension of the developed approach to other buildings of public structures, in order to reduce both energy costs and greenhouse gas emissions. This implies the establishment of a real energy management system with implementation of pilot actions in at least two other public structures.

Project Objectives
The Barid Al-Maghrib (BAM) group (= Poste Maroc), a public limited company with public participation, has shown an interest in reducing its energy bill. The BAM Group's building stock consists of approximately 160 buildings for administrative, mail and parcel services.

Project Results
Intended project results are:
• BAM Group has integrated pilot parts of their building stock into an energy management system.
• Based on an energy management system proof of at least 15% reduction in energy costs.

Services Provided
• Installation of an energy management system in accordance with the ISO 50001 standard; it represents the international standard and has already been successfully applied and certified many times in Morocco;
• Check of data already available and measurements needed for data completion;
• Kick-off meeting: underline the importance of the BAM Group's management's commitment to the sustainable reduction of energy bills and greenhouse gas emission; presentation of ISO 50001 standard, buildings to be included in the pilot sample, address a number of technical points;
• On the organisational side, the aim is to implement energy efficiency in all the management processes concerned (responsibilities, communication, purchasing, budget, working time, etc.) and to ensure good cooperation between the various players involved;
• Benchmarking: decreasing list of specific consumption represents an internal benchmarking; Supplemented by external benchmarking against the performance of organisations with similar activities;
• Overview of energy management software available on the market; propose new meters to be installed and/or readings to be taken regularly for the first action phase; accompany their integration into the system;
• Ensure the definition of measurable objectives, which thus make it possible to decide clearly if any goal has been reached or not;
• Coordination of the various work steps, milestones and timetable is of crucial importance. A high degree of interaction between stakeholders and intensive exchanges with BAM management.