Renewal of the public lighting network in the Houmt Souk esplanade

Expected project CAPEX: 300,000 €

Mandating Authority: Municipality of Djerba Houmt Souk

Summary
The current lighting installation is very inefficient, and 50% of the energy consumption of the municipality is currently devoted to lighting. This project should enhance energy efficiency and optimize public lighting consumption via the usage of LEDs.

Location and population
City of Houmt Souk, Tunisia
76,000 inh.

Social and environmental impact
Reduce energy consumption, GHG emissions and light pollution, while improving the public service of street lighting. The municipality has the potential to reduce between 50% and 75% of its electric consumption for street lighting.

Main stakeholders
Municipality of Djerba Houmt Souk
l’Agence Nationale de Maitrise de l’énergie.
Project maturity (IFC / World Bank Categories)

STAGE 1: Concept Development, Site identification
Number of Lighting points: 350
Mapping of the street lighting system: YES
Current installation: NA
Expected energy / expenses savings: 40%
Source of electricity: Grid connected

STAGE 2: Pre-Feasibility Studies
Pre-feasibility study: YES

STAGE 3: Feasibility Studies
Feasibility study: YES

STAGE 4: Permitting / Financing / Contracts
Contract with municipality: N/A
Building permits signed: N/A
Environmental impact study: N/A
Identified sources of fundings

STAGE 5: Engineering / Construction / Commercial Operation
Engineering, Procurement and Construction Contractor
Operation and Maintenance Contractor
Comments