LED

Expected project CAPEX: Tbd

Mandating Authority: APC Sidi Bel Abbes

Summary
This project consists of 750 poles installed around the city of Sidi Bel Abbes so that the city center can be illuminated by LED lighting.

Location and population
Sidi Bel Abbes, Algeria
183'931 inh.

Social and environmental impact
Reduce the emission of greenhouse gases through solar and LED lighting.

Main stakeholders
Project maturity  
( IFC / World Bank Categories )

STAGE 1 : Concept Development, Site identification
STAGE 2 : Pre-Feasibility Studies
STAGE 3 : Feasibility Studies
STAGE 4 : Permitting / Financing / Contracts
STAGE 5 : Engineering/Construction/Commercial Operation

### STAGE 1 : Concept Development, Site identification

**Number of Lighting points :** NA

**Mapping of the street lighting system :** No

**Current installation**
Currently 34 sectors: 2 sectors with L.E.D + 750 solar panels installed in remote areas of the city. The rest is sodium

**Expected energy / expenses savings**
Once the LED technology is generalised, reduction of 50 to 60% on the energy bill is expected

**Source of electricity :** Using solar energy

### STAGE 2 : Pre-Feasibility Studies

**Pre-feasibility study**
Yes - 2017

### STAGE 3 : Feasibility Studies

**Feasibility study**
Uongoing 2017-2019

### STAGE 4 : Permitting / Financing / Contracts

**Contract with municipality**

**Building permits signed**

**Environmental impact study**

**Identified sources of fundings**

### STAGE 5 : Engineering / Construction / Commercial Operation

**Engineering, Procurement and Construction Contractor**

**Operation and Maintenance Contractor**

**Comments**
Objectives: Reduce CO2 emissions by using clean energy (solar, LED) / Reduce energy bills / Encourage the use of clean energy cars / Raise awareness / Favor ecological construction