**LED and Solar Lighting**

**Expected project CAPEX :** Tbd

**Mandating Authority :** Maseru City Council

**Summary**

The Maseru City Council has taken an active role to replace old street lighting with a) LED lights, or b) Solar lighting. This has shown immediate positive results, with an upsurge of tourists.

**Location and population**

Maseru, Lesotho
185,000 inh.

**Social and environmental impact**

Maseru, for such a small city, is ranked about 6th in the world in international murder rates; these projects will reduce the death rate in the city.

**Main stakeholders**

The Maseru City Council
Project maturity (IFC / World Bank Categories)

STAGE 1: Concept Development, Site identification
- Number of Lighting points: TBA
- Mapping of the street lighting system: YES, but constrained due to low funding availability

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

STAGE 3: Feasibility Studies
- Feasibility study: Only in areas already redone

STAGE 4: Permitting / Financing / Contracts
- Contract with municipality: Not applicable, this is municipal lighting
- Building permits signed: YES, existing
- Environmental impact study: YES, existing
- Identified sources of fundings: Municipal budget

STAGE 5: Engineering / Construction / Commercial Operation
- Engineering, Procurement and Construction Contractor: Dependant, tendering process
- Operation and Maintenance Contractor: Maseru City Council
- Comments:

Expected energy / expenses savings

Source of electricity:
Both Solar and Grid connections will be used initially, with the national grid moving to RE in the near future