**LED street lighting project**

**Expected project CAPEX:** Tbd

**Mandating Authority:** Beaufort West Municipality

**Summary**

Beaufort West consists of a combination of high mast lights, sport field flood lights and post top lights. Energy efficiency projects have been employed in the past, resulting in significant saving in energy costs. Beaufort West Municipality not only services and maintains the town of Beaufort West, but also Murraysburg, Nelspoort and Merweville. These towns require attention regarding LED street and high mast lighting to save on energy costs.

**Location and population**

Beaufort West, South Africa, 34085 inh

**Social and environmental impact**

Positive on the environment; Enables Municipality to create jobs

**Main stakeholders**

Beaufort West Municipality; CVW Mechanical & Electrical; Aurecon
Project maturity (IFC/World Bank Categories)

STAGE 1: Concept Development, Site identification
- Number of Lighting points: 920
- Mapping of the street lighting system: Yes
- Current installation
- Expected energy/expense savings: 20-30%

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
- Building permits signed: Yes
- Environmental impact study: Yes
- Identified sources of fundings: Beaufort West Municipality

STAGE 5: Engineering/Construction/Commercial Operation
- Engineering, Procurement and Construction Contractor: E-Power Technologies, Adenco Construction
- Operation and Maintenance Contractor: Local SMME’s still to be appointed

Comments
- Funding required to start with the construction. Main obstacle is equity and finance