LED Street Lights

Expected project CAPEX: 462'000 €

Mandating Authority: Rusizi District

Summary
The Rusizi District has the duty to encourage their citizens to build in agglomeration in order to facilitate infrastructure (i.e. electricity). There is a problem based on budget to distribute electricity in all region, but it is hoped that in time a budget to finance this project can be identified. The Gashonga Rural settlement develops rapidly, for instance: Increase land value / Facilitate the security during night / Help cell officer to get energy that it should enhance to improve service and reporting through accessing of internet / Encourage the citizen to build in agglomeration as Government program / Encourage the creation of new jobs based on electricity power.

Location and population
Kabakobwa, Rusizi, Rwanda

Social and environmental impact
In rural of Rusizi district there is a problem of light and energy that causes it to be isolated and delays the development of rural connection to the internet. There are job losses due to the scarcity of electric power; if increasing of jobs based on electricity power, like impression of documents, Cyber Café, using machine of carpentry / decreasing of fire wood due to using electricity power.

Main stakeholders
Rusizi District will intervene in feasibility study and execution of project / REG/EUCL will play a role in technical advice
**Project maturity (IFC / World Bank Categories)**

**STAGE 1 : Concept Development, Site identification**

- Number of Lighting points: 114 lamps
- Mapping of the street lighting system: YES
- Current installation: NA
- Expected energy / expenses savings: 10000 WATT
- Source of electricity: Solar 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: YES / NO
- Building permits signed: YES
- Environmental impact study: NO
- Identified sources of fundings

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

- Engineering, Procurement and Construction Contractor
- Operation and Maintenance Contractor

**Comments**