Gisagara Solar Lighting Project

Expected project CAPEX : 1'479'000 €

Mandating Authority : Gisagara District

Summary
Gisagara Solar Lighting Project is intended to reduce the dependence on non-renewable energy in Gisagara District where access to electricity is at a low level since electrification is recently achieved. The project will focus on lighting street roads and local administrative offices in Gisagara District.

Location and population
Gisagara District, Rwanda
337'318 inh.

Social and environmental impact
The social impact of this project is mainly based on the day and night movement of the people within the District and neighbouring Huye City. The environment impact of this project is basically based on the reduced dependence on non-renewable energy, reduction of emission of greenhouse gases.

Main stakeholders
Energy Utility Corporation Limited: Technical support in different specifications required for LED lamps installation.
Gisagara District is one of the Districts in Rwanda with low level of 16.44% of access to electricity among the population. This low level is reflected from the recent electrification as compared to other Districts. With the District Development Plan of 5 years ending in 2018, Gisagara District has targeted to achieve 45% of the population connected to electricity versus 70% planned at National level. Even if Gisagara District can achieve its target, it will be under the National target for the reason explained above. The negative impact of this limited access to electricity is the low level of poverty reduction through job creation as a result of connectivity to electricity. This problem is also is reflected in most local administrative offices not connected to any energy thus lowering the quality of basic services delivered to the people which slow down the development of the District in General. Like the whole Country, the limited quantity of electricity to be dispatched among the population, Gisagara District is interested in searching new alternatives of access to renewable energy in line with the goal of Ensure access to affordable, reliable, sustainable, and modern energy for all one of the Sustainable Development Goals, approved by Government of Rwanda. It is in this context, Gisagara District is committed to apply for 100 Solution Climate Project Campaign oriented in LED Street Lighting, where street roads lighting on 52 km of commercial centers in 13 Sectors of Gisagara District and 59 Cells offices are planned to be served through solar technology.