

MAURITIUS

INCREASING ELECTRICITY PRODUCTION FROM BIOMASS IN THE ISLAND



**AFRICA
RENEWABLE
ENERGY
SCALE UP**



DATES

2019



AMOUNT

100 k€



REQUESTED FROM
Central Electricity
Board (CEB)



STATUS

Finalized

Being heavily dependent on fossil fuels, Mauritius needs to secure sustainable energy supply. Biomass is an opportunity in the island, which produces a lot of sugar cane, and many other biomass sources



BACKGROUND

Mauritius is heavily dependent on fossil fuels for generating electricity. In parallel, the energy demand is growing, and the energy marketplace is increasingly uncertain. As a vulnerable Small Island Developing State (SIDS), there is a pressing need for Mauritius to secure sustainable energy supplies and to reduce greenhouse gas emissions in order to support economic growth.

Mauritian government has already committed to increase electricity production from renewable energy sources such as wind, solar and biomass from 21 % in 2017 to 35% in 2025. They also want to modernize their energy infrastructures by deploying smart solutions.

Biomass has been identified as the best potential technology in the country. Therefore, the Ministry of Energy and Public Utilities (MEPU) has requested a study to assess the operational strategy for developing bioelectricity in the island.



TECHNICAL ASSISTANCE

The technical assistance consisted in the following tasks:

- Develop an action plan specifying well identified investments from private sector with the objective of increasing bioelectricity share ;
- Assess biomass importation opportunities and limits ;
- Establish a set of policies as well as financial, fiscal, and any other incentives that will give support for implementing the action plan ;
- Consult small sugar cane planters and ensure the acceptance of the report results.

Final report available on request.



FURTHER STEPS / OUTCOMES

The overall mission has allowed to :

- Build a suited tariff model for biomass-based electricity generation ;
- Finalize the consultation with all stakeholder and validate of the final report ;

- Present the report results to biomass and energy stakeholders.

As of today, no actions have already been followed with regards to any potential investment opportunity.



Co-financed by the European Union and the
Agence Française de Développement

A facility to develop innovative projects in renewable energy and boost electrification on the African continent.

The AFD Group, with the support of the European Union, has set up the "African Renewable Energy Scale-Up facility" (ARE Scale Up facility) to boost private sector investment in on-grid and off-grid renewable energy production in Africa.

This publication was produced with the financial support of the European Union. Its contents are the sole responsibility of AFD and do not necessarily reflect the views of the European Union