



GREEN CLIMATE FUND



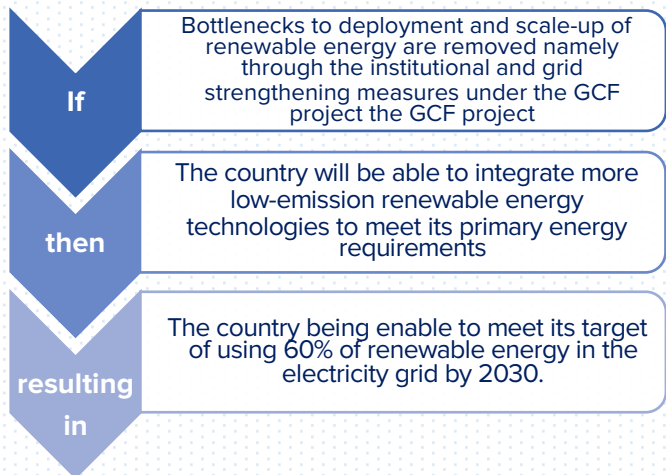
Accelerating the transformational shift to a low-carbon economy in the Republic of Mauritius

With imported fossil fuels supplying 80% of Mauritius' primary energy requirements, the country is vulnerable to external energy shocks, like many other Small Island Developing States (SIDS). Also, greenhouse gas emissions are increasing at a rate of 3.3 % per year.

The Green Climate Fund, through a \$ 28.21 million grant is enabling the Government of Mauritius to meet its target of using renewables to supply 60 percent of the country's energy needs by 2030.

This is part of a broad national strategy to reduce the country's dependence on fossil fuels, to enhance energy security and climate change mitigation, and to improve the country's balance of payments.

OUR APPROACH



Budget	2024	USD 1,492,903
	Total	USD 28,210,000

Period 2017-2027

QUICK FACTS

80% Of primary energy met from imported fossil fuels in Mauritius



1.01 tonnes of CO₂/MWh
High grid emission factor

3.3% Increase of net Greenhouse Gas (GHG) emission per year



24.2%



65.7%

Coal

Fuel & Diesel oil and LPG

Imported fossil fuels



Statistically, women are under represented in the renewable energy sector

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OBJECTIVE

This project is aimed at enabling the Government of Mauritius to meet its target of using renewables to supply 60 percent of the country's electricity needs by 2030, as per the 2021 updated NDCs for the Republic of Mauritius



IMPLEMENTATION

This project is nationally implemented by the Government of Mauritius in partnership with UNDP.



KEY RESULTS

- 18 MW of utility-scale Battery Energy Storage System, financed through a GCF grant of USD 10.5M, fully operational since Dec 2021;
- Management Information System for MARENA and Utility Regulatory Authority developed and operational, helping automate the application process for projects, RE installers and suppliers;
- National Grid Code for the electricity market finalized. Standards for Renewable Energy Technology and Regulations for Accreditation Mechanism for RE operators developed, helping to boost investments in RE sector locally;
- Awareness material on RE developed and disseminated;
- More than 1700 women benefiting from awareness and training sessions on RE and entrepreneurship;
- More than 2000 families, including 100 in Rodrigues, have received a rooftop solar PV kit;
- Feasibility study for setting up of a Floating Solar PV farm on the Tamarind Falls reservoir completed.
- Innovative Schemes on Renewable Energy launched
- Proclamation of Electricity Act 2005



PARTNERS

- Ministry of Finance, Economic Development and Planning
- Ministry of Energy and Public Utilities
- Central Electricity Board (CEB)
- Development Bank of Mauritius (DBM)
- Mauritius Renewable Energy Agency (MARENA)
- Utility Regulatory Authority
- National Women's Council
- University of Mauritius

UNDP IN MAURITIUS

UNDP supports and supplements national efforts aimed at reducing poverty in all its forms, accelerating the transition to sustainable development, and making sure national institutions and communities are able to withstand crises and shocks. We work to make sure the most vulnerable and excluded are not left behind, develop game changing solutions to accelerate sustainable development, and promote low-carbon consumption, and preparedness against climate-related crises and shocks.



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