



Empowered lives
Resilient nations.



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

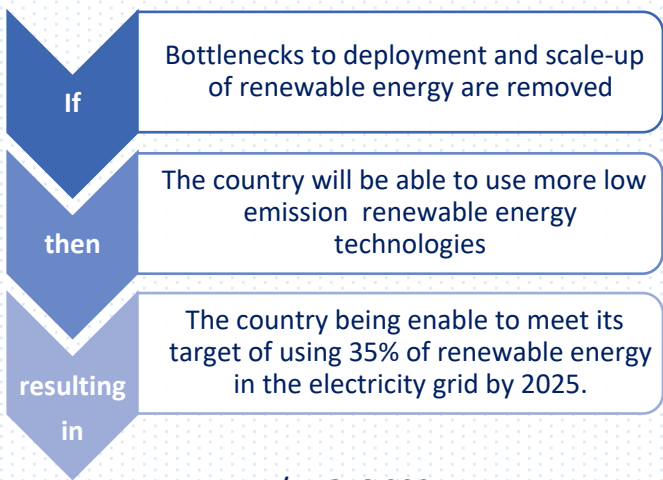
With imported fossil fuels supplying 84% of Mauritius' primary energy requirements, the country is vulnerable to external energy shocks, like many other Small Island Developing States (SIDS). Also, greenhouse gas emissions are increasing at a rate of 3 percent per year.

The Green Climate Fund, through a \$28 million grant is enabling the Government of Mauritius to meet its target of using renewables to supply 35 percent of the country's energy needs by 2025.

Action to mitigate climate change has to be taken as every possible level. The past decade has been the hottest one on record.

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	2019	\$ 4,676,000
	Total	\$ 28,210,000

Period 2017-2024




QUICK FACTS

84% Of primary energy met from imported fossil fuels in Mauritius



1.01 tonnes of CO₂/Mwh
High grid emission factor



3% Increase of net Greenhouse Gas (GHG) emission per year

39%  **38%** 

Coal

Fuel oil

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 35 percent of the country's electricity needs by 2025, under its Renewable Energy Strategy.



IMPLEMENTATION

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



KEY RESULTS

- 4MW Battery Energy Storage System (BESS) installed and inaugurated in October 2018;
- Procurement of 14 MW of BESS currently ongoing;
- Setting up of a Management Information System for Mauritius Renewable Energy Agency and Utility Regulatory Authority ongoing;
- Awareness material developed and disseminated;
- 500 women benefiting from awareness sessions on renewable energy;
- Feasibility study for setting up of a Floating Solar PV farm on the Tamarind falls reservoir completed.



PARTNERS

- Ministry of Finance and Economic Development;
- Mauritius Renewable Energy Agency;
- Utility Regulatory Authority;
- Ministry of Energy and Public Utilities ;
- Central Electricity Board;
- National Women's Council.

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.