

Factsheet: Nationally Appropriate Mitigation Actions for Low Carbon Island Development Strategy for Mauritius (NAMA)

1.0 Objective

Mauritius sought technical and financial assistance from United Nations Environment Programme (UNEP) and Global Environment Facility (GEF) respectively, to formulate the first **National Climate Change Mitigation Strategy and Action Plan**. The aim is to ensure a low carbon path for Mauritius.

This project is in line with the *Government Programme 2020-2024* in pursuing efforts to make Mauritius a cleaner and greener country in the context of meaningful ecological transition. It will play a pivotal role in mitigation achievements of the Nationally Determined Contributions (NDC), presently targeting an emission reduction of 30% by 2030. It will also meet the requirement for the implementation of the forthcoming Climate Change legislation.

2.0 Funding

GEF provided a grant of USD 1.6 million.

3.0 Duration

February 2017- February 2021 with possible extension till June 2022.

4.0 Executing agencies: Ministry of Environment, Solid Waste Management and Climate Change, UNEP & UNEP-DTU Partnership

5.0 Components: The NAMA project would culminate in the formulation of the first **National Climate Change Mitigation Strategy and Action Plan** – to meet NDC targets and is structured into three components, as follows:

Component 1: Strengthen National Capability to identify, prioritize and develop mitigation actions to meet NDC targets. Fund earmarked for component 1 is **USD 350,000**. *This component will be led by this Ministry and will cover the key sectors of energy, waste and agriculture including forestry.*

- Output1: Institutional arrangements to coordinate development and implementation of NDC Strengthened through development of process and procedures as well as clear institutional responsibilities.
- Output 2: NDC Implementation strategy developed and potential sources of funds identified.
- Output 3&4: A National registry to track implementation of NDC established.
- Gender mainstreamed into decision making process on design and implementation of mitigation actions.

Component 2: Initiate Implementation actions on renewable energy (RE) target to meet the NDC goals. Fund earmarked for component 2 is **USD 800,000**. *Collaboration with URA and CEB.*

- Output 1: Mitigation Action plan for scaling up RE for electricity generation, to contribute to NDC target, analysed and developed.
- Output 2: Policy, regulatory, and supportive framework strengthened to facilitate investment in RE Projects.

- Output 3: Investment facilitated for RE projects to meet the RE target.

Component 3: Enhanced Transparency Framework (ETF) to track and transparently report NDC Implementation for RE actions. Fund earmarked for component 3 is **USD 170,000**. *This component will be led by this Ministry and will cover the key sectors with a focus on electricity generation.*

- Output 1: Institutional framework and organizational linkages for ETF, including link to the national registry mechanism, established.
- Output 2: MRV system, including monitoring plan covering key parameters for the electricity generation sector, designed and implemented.
- Output 3: Local technical professionals to conduct MRV enabled.

Key Activities/Deliverables under Components 1 and 3

- institutional arrangements including specific roles and responsibilities of different actors;
- stakeholder engagement plan and formalization instrument;
- analysis of NDC, NDC Action plan, and other relevant climate change and sectoral strategies with focus on mitigation actions;
- mitigation prioritization framework including (i) Stocktaking exercise; (ii) Indicators for Multi Criteria Analysis (MCA) and development of a MCA toolkit; (iii) review strategic priorities for each sector; (iv) barrier analysis for shortlisted mitigated action; (v) forecasted emissions under mitigation measures including potential for emission reductions and national scenarios; (vi) implementation strategy including log frame & (vii) cost benefit analysis and Marginal Abatement Curve;
- parameters/elements for key sectors for the online NDC registry platform;
- web based platform for NDC registry and MRV system (mitigation actions);
- Gender Action Plan;
- Climate Change Mitigation Strategy and Action Plan; and
- Enhanced Transparency Framework.

Key Activities under Component 2

- Drafting of the Regulation on Electricity Tariff & Drafting of the Net Metering Rules and Regulation.
- Development of an Excel and web-based tool for Tariff calculations (including operational manual) and capacity building for URA to use and update the tariff calculation tool.
- Development of an online dashboard to monitor URA's KPIs (including operational manual) and capacity building for URA to use and update KPI dashboard.
- Co-funding of cost of CEB's cost of electricity services (supply) and thereof to set the fair price (tariff & rates and charges) for each electricity services.
- Advanced metering infrastructure for smart meters.