



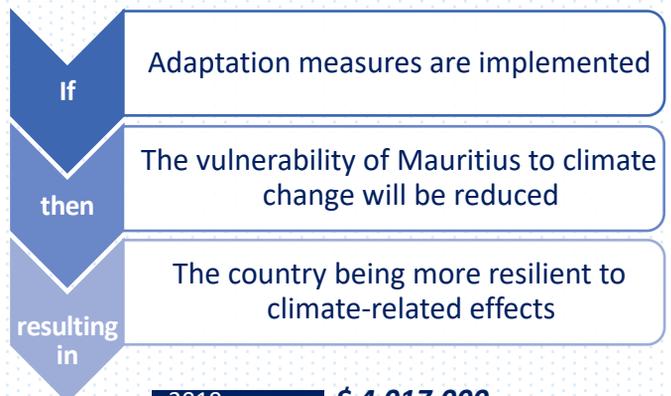
# Climate change adaptation programme in the coastal zone of Mauritius

As a Small Island Developing State, the Republic of Mauritius is particularly vulnerable to the adverse effects of climate change, especially in the coastal zone, where a convergence of accelerating sea level rise and increasing frequency and intensity of tropical cyclones (with more intense rainfall events and stronger winds) will result in considerable economic loss, humanitarian stresses, and environmental degradation. The objective of the project is to increase climate resilience of communities and livelihoods in the coastal areas in Mauritius.

The overall approach of this programme is to work from the level of technical solutions at specific coastal sites to the policy and regulatory

level that are tied directly to the integrity of the coastal zone on the island of Mauritius.

## OUR APPROACH



**Budget** 2019 \$ 4,017,000  
Total \$ 9,119,000

**Period** 2012-2019



## QUICK FACTS

As a Small Island Developing State (SIDS) Mauritius is vulnerable to climate change impacts.



The coastal zone is vulnerable to flooding

as a consequence of rising sea surface levels, and increased storm surges from cyclonic activity in the Western Indian Ocean.



### Mon Choisy Beach

One of the project sites, is losing about 1-2 meters of beach width/year due to failure of beach function and increasing sea levels.

Email: [registry.mu@undp.org](mailto:registry.mu@undp.org)

Address : 6th Floor, Anglo Mauritius House – Intendance Street – PO Box 253 – Port Louis - Mauritius

Telephone : (+230) 212 3726/7



### OBJECTIVE

The programme seeks to increase climate resilience of communities and livelihoods in coastal areas of the Republic of Mauritius including coastal adaptation works at 3 pilot sites; Quatre Soeurs, Riviere des Galets and Mon Choisy.



### IMPLEMENTATION

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



### KEY RESULTS

- A dedicated Refuge Centre of an approximate area of 1000 m2 resilient to flooding and coastal inundation has been constructed at Quatre Sœurs;
- In order to increase resilience of the vulnerable communities 20,000 Mangroves were planted in region of Grand Sable;
- A National Coastal Adaptation Strategy for the coastal zone of Mauritius and Rodrigues has been developed to promote and enhance resilience measures;
- More than 900 reef balls have been installed in the Mon Choisy waters to reduce beach erosion and restore life under water.



### PARTNERS

Ministry of Social Security, National Solidarity and Environment and Sustainable Development

### 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.

