



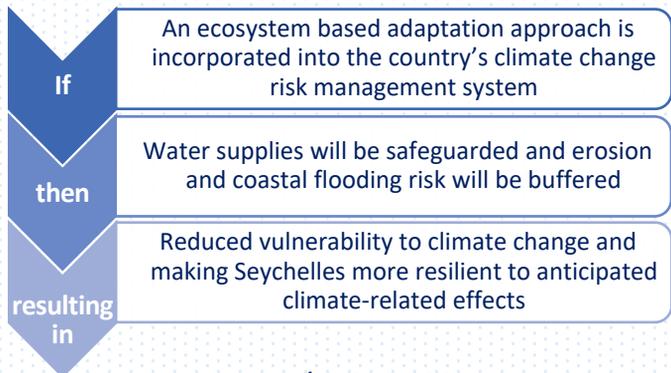
Ecosystem Based Adaptation to climate change in Seychelles

The Ecosystem Based Adaptation project seeks to reduce the vulnerability of the Seychelles towards climate change, focusing on water scarcity and flooding. The project will reduce these vulnerabilities by incorporating ecosystem-based adaptation into the country's climate change risk management system to safeguard water supplies, threatened by climate change induced perturbations in rainfall, and to buffer expected erosion and coastal flooding risks arising as a result of higher sea levels and increased storm surge.

Furthermore, the project undertakes community-based activities such as tree planting for forest restoration and uses nature-based solutions through soft engineering to build water reservoirs for wetland restoration. The aim is to restore ecosystem services and increase resilience to climate variability.

This will help to ensure that development in the Seychelles is sustainable, and resilient to anticipated climate change effects.

OUR APPROACH



Budget	2019	\$ 1,019,830
	Total	\$ 5,950,000

Period 2014-2021

QUICK FACTS



Climate change

projections in the Seychelles show that rainfall, while increasing in overall terms, will become even more irregular.

The coastal zone is vulnerable to flooding



Much of the precipitation is falling in sharp bursts, imposing extended period of drought during the dry season.



Water supplies are heavily dependent on rainfall and desalination plants.



OBJECTIVE

The project objective is to reduce the vulnerability of the Seychelles to climate change.



IMPLEMENTATION

This project is nationally implemented by GOS-UNDP-GEF Programme Coordination Unit (PCU) of MEECC, a dynamic local management system for ensuring the effective coordination and implementation of UNDP-GEF environment and Adaptation Fund projects in Seychelles.



KEY RESULTS

- Two new wetlands were reprofiled in the Baie Lazare watershed, giving a total of 40,000 m³ available to provide water storage for agriculture and Public Utilities Corporation;
- First water retention barrages using gabion cages and rocks were constructed in Seychelles to create reservoirs for water users to adapt to drought;
- 4 community-based Watershed Committees were set up to participate in wetland and forest restoration work programme as well as networking activities and capacity building sessions.



PARTNERS

- Seychelles Agricultural Agency
- Seychelles National Parks Authority
- Public Utilities Corporation (PUC)
- Seychelles Islands Foundation (SIF) and National NGOs

UNDP IN SEYCHELLES

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