



# Supporting adaptation to climate change in coastal areas (EU GCCA+)

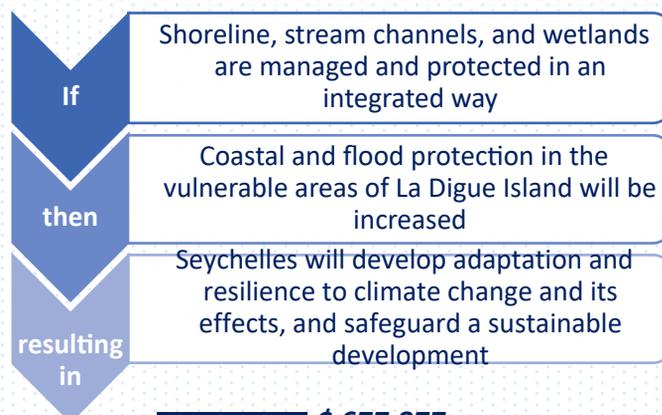
Coastal climate change adaptation is of great concern and priority for the government of Seychelles, in view of the impacts of climate change in terms of coastal erosions and flooding in vulnerable areas. A number of studies have been initiated and emergency remedial works have started on the affected areas on Mahé, Praslin and La Digue islands using approaches such as Ecosystem Based Adaptation (EBA).

The project aims at supporting adaptation to climate change to increase coastal and flood protection in the vulnerable areas of La Digue Island, through integrated shoreline management in place, enhanced stream channel and wetland productivity and flood buffering capacity, enhanced shoreline protection, and mitigation of saltwater contamination.

Under the EU GCCA + project, cost-effective EBA methods are being used, in combination with

various engineering technologies to address site specific issues and opportunities enhancing climate change resilience to coastal flooding.

## OUR APPROACH



**Budget**

2019	\$ 677,877
<b>Total</b>	<b>\$ 1,660,000</b>

**Period** 2016-2020

This project is funded by the European Union



## QUICK FACTS

As a Small Island Developing States (SIDS), Seychelles is vulnerable to climate change and its effects



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

## La Digue Island

where the project is taking place has experienced **several floods since 2013.**



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### OBJECTIVE

The overall objective of the programme is to ensure that the people, economy and environment of Seychelles are able to adapt to and develop resilience to climate change and its effects, thereby safeguarding the sustainable development of Seychelles.



### IMPLEMENTATION

This project is managed by the UNDP Country Office in a Direct Implementation Modality. During project implementation, the relevant government services will be closely involved via consultations, in order to ensure ownership and appropriation of project results.



### KEY RESULTS

- Marine ecological survey completed;
- Shoreline Management Plan completed;
- Terrestrial ecological surveys completed;
- Terrestrial Ecological Maps completed showing the sensitivity of different zones.



### PARTNERS

- La Digue Island Board;
- Drainage Task Force.

### UNDP IN SEYCHELLES

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.