

MADAGASCAR

Ecosystem-based Adaptation

2024-2028

Supported by the
Least Developed Countries Fund



SUSTAINABLE DEVELOPMENT GOALS



Providing training and technical support provided to 1,200 individuals from 20 incubated businesses, including women and youth, to build capacity of ecosystem-based businesses.



Improving the climate resilience of 98,500 individuals through nature-based solutions while mainstreaming ecosystem-based adaptation in 40 local development plans.



Developing 8 Locally Managed Marine Areas for increased climate resilience of marine ecosystems and related livelihoods.



Restoring 3,000 hectares of mangroves and coastal forests and 2,000 hectares of degraded watersheds for adaptation benefits.

UN
environment
programme

PROJECT TITLE:

UPSCALING ECOSYSTEM-BASED ADAPTATION
FOR MADAGASCAR'S COASTAL ZONES

EXECUTING ENTITIES:



Ministry of Environment and
Sustainable Development,
Government of Madagascar

KEY TARGETS:

98,500

Individuals benefitting directly from project activities.

5,000

Hectares of mangroves and coastal forests restored for adaptation benefits through community-based approaches.

100

Climate-resilient ecosystem-based cooperative businesses established, with a focus on women and youth.

FUNDING:



global
environment
facility
INVESTING IN OUR PLANET

Cofinance
\$27.2m



GEF Grant
\$7.2m

INTRODUCTION

- Madagascar's coastal zones are vital for the livelihoods of local communities, supporting over 75% of the population with food, income, and natural buffers against climate change.
- However, these ecosystems face severe degradation due to overexploitation, deforestation, and climate threats like rising sea levels, intensifying cyclones and increased rainfall variability.
- This project aims to enhance the resilience of coastal communities and ecosystems by upscaling successful ecosystem-based adaptation (EbA) approaches with a focus on gender equity.
- The project builds on the experiences and results of an earlier project, titled *Adapting Coastal Zone Management to Climate Change Considering Ecosystem and Livelihoods*.

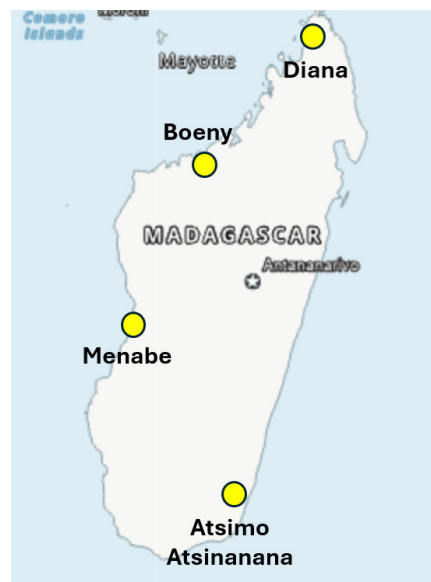
CLIMATE SOLUTIONS

- Ecosystem-based Adaptation (EbA) is central to the project's activities. EbA is the strategy of **protecting or restoring ecosystems** to reduce the negative impacts of climate change on people.
- The project is undertaking the restoration of 3,000 hectares of **mangroves and coastal forests using indigenous species** and 2,000 hectares of degraded land rehabilitated through sustainable land management (SLM).
- **Climate-resilient livelihoods** are being established, including the establishment of 20 **ecosystem-based businesses**, prioritizing women and youth, while training 1,200 individuals in sustainable business practices and value chain development.
- To increase food security and marine ecosystem resilience, **eight Locally Managed Marine Areas** are being supported, including provisions for sustainable catches and improved fishing practices.
- Capacity building is essential for the project's long-term sustainability. Therefore, the project is **training over 1,000 stakeholders on EbA practices** while mainstreaming EbA and climate resilience measures in 40 municipal and communal plans,
- A **sustainable financing and investment platform** for ecosystem-based businesses is being established and operationalized. Training, technical support and equipment will be provided to 1,200 entrepreneurs, including women and youth, to build capacity of ecosystem-based businesses.

CLIMATE IMPACTS

- Madagascar is one of the most climate-vulnerable countries in the world, facing rising temperatures, intensifying tropical cyclones, increasing rainfall variability, sea level rise and increasing sea temperature.
- These climate impacts directly affect the livelihoods and food security of local communities, increasing poverty and forcing reliance on already-degraded natural resources. Farmers and fishers face reduced yields, loss of income, and displacement due to flooding and coastal erosion.
- The country's coastal ecosystems, including mangroves, coral reefs, and coastal forests, are highly threatened by climate impacts. These ecosystems are vital for buffering storm surges and preventing soil erosion but are being degraded due to more frequent cyclones, increased sedimentation from upstream erosion, and rising sea temperatures.

PROJECT LOCATION



Target regions include Boeny, Menabe, Atsimo Atsinanana, and Diana, encompassing diverse ecosystems such as mangroves, coral reefs, and coastal forests.

RESOURCES

- [UNEP project page](#)
- [Climate adaptation resources & multimedia](#)
- [Adaptation Gap Report 2024](#)
- [Global EbA Fund](#)

CONTACTS

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