ZANZIBAR BLUE CARBON PROJECT

What is Zanzibar Blue Carbon Project

The Zanzibar Blue Carbon project consists of addressing the deforestation and degradation of **blue carbon ecosystems** such as **mangroves and seagrasses** on Unguja and Pemba islands of Zanzibar, Tanzania. Through a comprehensive approach that combines ecosystem conservation and livelihood improvement measures, the project seeks to impact communities' given their high dependency on these coastal resources. Yet lack of financing and management has resulted in significant deforestation and degradation in the areas of interest to be conserved. The project's approach is transformative: by **providing viable and sustainable socio-economic options**, aiming to change this dynamic and consequently reduce GHG.

SOURCE: GEP, 2023

Project activities

Promotion of sustainable **blue carbon** practices

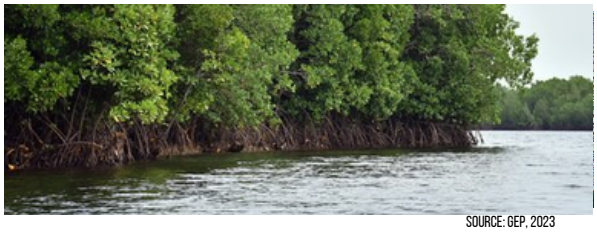
Planting of **mangrove** propagules

Implementation of **agroforestry** systems

Introduction of practices to **reduce dependence** on firewood as a source of energy

Community development **small grants** program

Gender focused implementation



SOURCE: GEP, 2023

Implementation

Zanzibar blue carbon project **is partnering with local organizations to collaborate with on community engagement** and will be supported by the **United Committee for Environmental Excellence (UCEE)** as well as the **UNFCCC Secretariat**

1,206,795* tCO2e Emissions removals Across the 30 year period

Projections

PROJECT AREA	26,295 Ha
POTENTIAL ANUAL REMOVALS EMISSION	40,226* tCO2e
BIODIVERSITY	WHITE, RED AND BLACK MANGROVE, VERVET MONKEY, PEMBA FLYING FOX
COMMUNITY IMPACTS	STRENGTHENING OF MARINE PROTECTED AREA GOVERNANCE FOCUSED ON SHEHIA FISHING COMMITTEES

Project lifetime and accounting period:
01 January 2025- 31 December 2054
30 year total period

Validation body: UNFCCC under article 6 of the Paris Agreement

Sustainable development goals impacted

* **Disclaimer:** The project's emissions removal potential is based on secondary information, which must be refined at the time of formulation of the project description with information obtained in the field.

About Zanzibar and the project area

Zanzibar is a semi autonomous small archipelado part of Tanzania in East Africa. The immediate coastal (near shore) zones of Zanzibar contain a large proportion of the population and significant economic activity. These areas are already impacted by a range of threats mostly related to climate change, and are particularly sensitive to future sea-level rise, salt water intrusion on agricultural land, and drinking water contamination. The project focuses on coastlines and seagrasses of two of Zanzibar main islands: Unguja and Pemba. The project area consists of 26,295 hectares, of which 13,575 ha (52%) correspond to mangrove areas and the remaining 12,719 ha (48%) to seagrasses

SOURCE: GEP, 2023

The need for Zanzibar Blue Carbon Project

Zanzibar presently relies significantly on climate-sensitive sectors such as agriculture, tourism, fishing, and livestock keeping for its Gross Domestic Product (GDP). However, the region encounters various challenges, including limited institutional and financial capabilities, insufficient access to suitable technologies, inadequate climate knowledge management, limited involvement of key stakeholders, and low public awareness. Inadequate management of coastal development leads to the destruction of seagrass meadows due to unregulated dumping of solid waste, wastewater, and dredged soils. Trawling and dynamite fishing also pose significant threats, as do poor practices such as the use of beach nets. All of this contributes to the deterioration of seagrass beds and their associated fauna and flora. Mass tourism has posed an additional pressure on these ecosystems due to direct effects of infrastructure building and polution runoff. Planting seagrasses, restocking mangroves, and increasing allochthonous carbon in seagrass soils have the main objective of reducing the speed of deterioration of seagrass and mangrove ecosystems, thus contributing to the mitigation of climate change.

PROJECT PROPONENT AND MANAGMENT

Green Economy PARTNERSHIP

SENIOR SUPPLIER

TECHNICAL ADVISORY

CAMPO CAPITAL

PROJECT SUPPORT

Government open led call to implementation partners

Guiding principles

- Fair, transparent and equitable profit sharing scheme
- Allignment with the sustainability tool that will part of **Article 6** implementation
- **FPIC** and Cancún safeguard complience
- Allignment with Core Carbon Principles for **High Integrity** Carbon Credits