

**Upscaling and Amplification of the Msingini Wastewater Management Facility  
Model in Chake Chake Town, Pemba.**

***7<sup>th</sup> WIOSAP PROJECT STEERING COMMITTEE  
DARES SALAAM, TANZANIA  
29<sup>TH</sup> JANUARY 2025***

**The First Vice President's Office Zanzibar  
Department of Environment  
Zaqnzibar, Tanzania.**

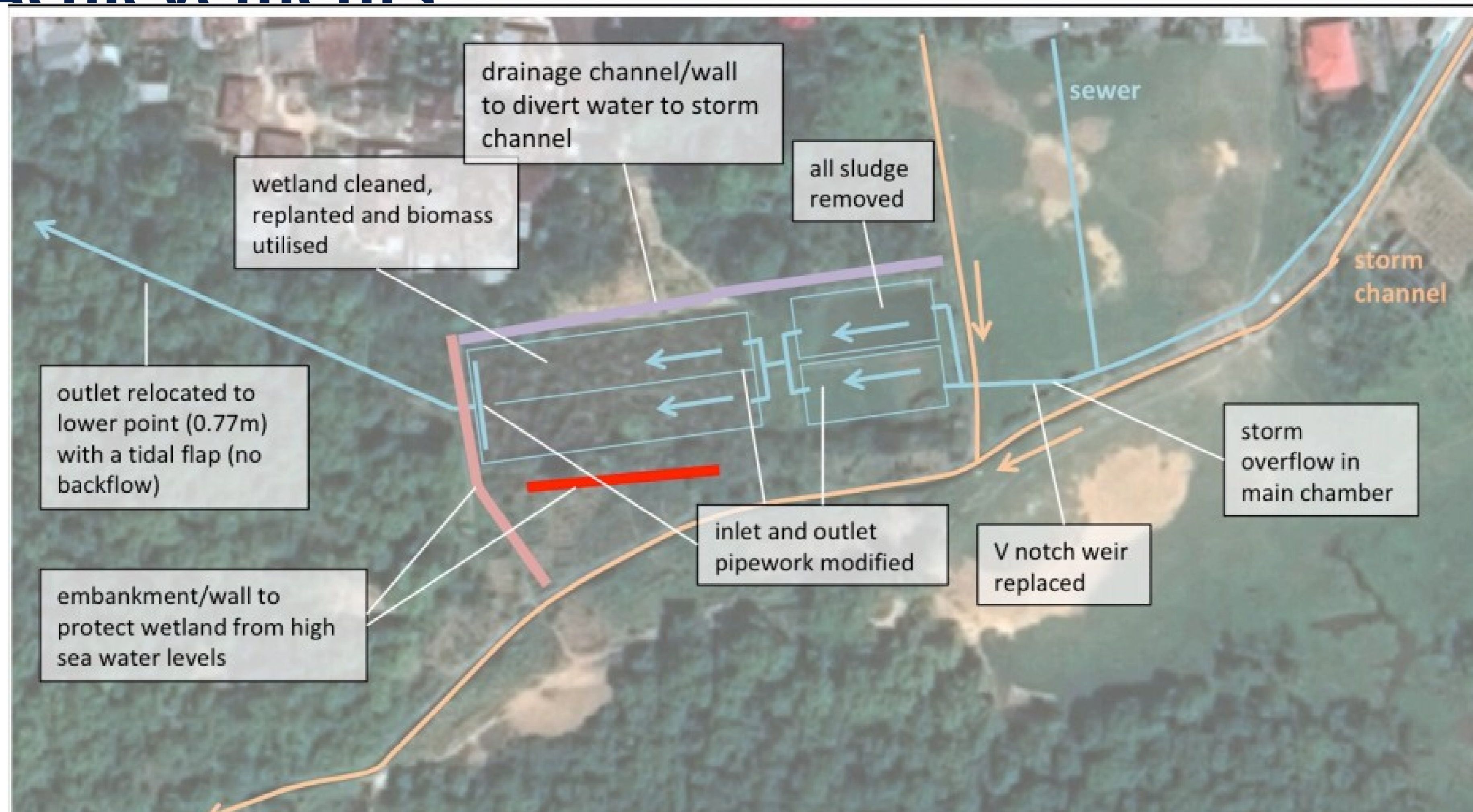
## Why the Project

- **Objective:** The project seeks to utilize an existing under-performing Constructed Wetland System on Pemba Island and significantly improve its long-term management, efficiency and its benefit to the surrounding community in terms of capacity and productivity
- **Where:** This facility was built on the island of Pemba along the western edge of Chake Chake Town

**Partners:** Zanzibar Environmental Management Authority (ZEMA), Chake Chake Town Council (CCTC); Zanzibar Water Authority (ZAWA); Green Water (GW).



# Key Achievements





# Key Achievements (Photos)





## Key Lessons Learnt

- In designing constructed wetland system stormwater peak flows from heavy rains must be taken into account.
- The O&M are relatively simple which allows community management if adequate training and technical assistance are provided.
- The users are willing to pay for operation and maintenance of the CWS if their obligations are fulfilled and involved in agreement on payment structure before implementing the system.



# Project Sustainability

- create and implement a Payment for Ecosystem Services (PES) scheme to allow sustained maintenance and operation of the system.

