

Strengthening Water Security in Zanzibar (ZanziWaS)

Project name	Strengthening Water Security in Zanzibar (ZanziWaS)
Commissioned by	Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (BMZ)
Project region	Zanzibar (Unguja and Pemba)
Lead executing agency	Ministry of Water, Energy and Minerals (MoWEM)
Budget	3.000.000 EUR
Duration	06/2024 – 05/2027

The challenge

Zanzibar, as a semi-autonomous region of Tanzania, pursues an independent water sector policy through the Ministry of Water, Energy and Minerals (MoWEM). The region has incorporated the sustainable management of water and sanitation into its five-year development plan. However, it lacks a comprehensive water master plan and adequate guidelines for monitoring and regulating water resources, which poses a threat to domestic users, agriculture and tourism.

The current water management is inefficient, with poor coordination and unclear responsibilities. Water tariffs are set without involving civil society and are not cost-effective, making the operation and maintenance of water infrastructure challenging and leading to little incentive to reduce consumption. This has led to dissatisfaction with the services.

Untreated wastewater and solid waste are major sources of water pollution. Due to the lack of wastewater fees, municipalities cannot fund proper wastewater management.

The lack of capacity among key stakeholders undermines water security, despite the need for sustainable water management and effective wastewater treatment. These challenges are compounded by culture (free water access) and technical problems,

such as unreliable power supply to pumping stations, unreliable water services, billing systems and operational management. There is a lack of comprehensive data on water availability or an adequate monitoring system, while climate change, population growth, and urban development further threaten water availability. The core problem in Zanzibar is the lack of an efficient structure for integrated water and wastewater management.

Our approach

The project aims to improve water security in Zanzibar on the islands of Unguja and Pemba. The target group includes the people of Zanzibar, who will benefit from improved water and wastewater management. Technical and managerial staff from government agencies play a central role as intermediaries.

The Ministry of Water, Energy, and Minerals (MoWEM) is the political partner of the project. Other key stakeholders include the Zanzibar Water Authority (ZAWA) and the Zanzibar Utilities Regulatory Authority (ZURA).

The project pursues several strategic goals: improving access to clean drinking water and sanitation, promoting the sustainable use of water resources, implementing climate change adaptation measures and improving institutional frameworks.

The project makes a significant contribution to the national implementation of the 2030 Agenda, particularly to the water-related indicators of Zanzibar's five-year development plan.





The objectives

The goal is to improve water security and the climate resilience of the water sector, contributing to the achievement of national development goals and supporting the desired reforms in the water and wastewater sector. The project focuses on the following output areas:

- **Water governance**
Improving the political-administrative environment for water and wastewater management.
- **Capacity building and improved service delivery**
Strengthening capacities of authorities and utilities focusing on operation and maintenance of water supply and wastewater management as well as an improved revenue collecting system and reducing non-revenue water.
- **Water resource management**
Introduction of instruments to improve the climate resilience of the water sector such as improved monitoring, water efficiency measures, public awareness and participatory approaches focusing on the collaboration with the private sector.

SUSTAINABLE DEVELOPMENT GOALS

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|----------|---|
| SDG 4 | (quality education) |
| SDG 5.1 | (discrimination against women and girls) |
| SDG 6 | (clean water and sanitation) |
| SDG 13.1 | (resilience and adaptive capacity to climate-related disasters) |

National contributions:

- Zanzibar Development Vision 2050
- National Development Plan 2021 - 2026
- Zanzibar Water and Sanitation Policy 2024

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