



**WIOSAP:** Implementation of the Strategic Action Programme  
for the protection of the Western Indian Ocean from land-based  
sources and activities

*Progress Report  
Presented at the  
Focal Points and Implementation Partners Meeting*

**Jared Bosire**

**UNEP/Nairobi Convention**



# Why WIOSAP

**Goal:** improve and maintain the environmental health of the region's coastal and marine ecosystems through improved management of land-based stresses.

**Specific Objective:** To reduce impacts from land-based sources and activities

- *By Sustainably manage critical coastal and marine ecosystems*
- *Through the implementation of the agreed WIO SAP priorities*
- *With the support of partnerships at national and regional levels*





# Progress Components

1. **Component A: Sustainable Management of Critical Habitats**
2. **Component B: Water Quality**
3. **Component C: Sustainable Management of River Flows**
4. **Component D: Governance and Regional Collaboration**





## Component A: Critical Habitats - Demo Projects (11 in Total)

### Project Title

1. Sustainable Management of shallow marine habitats in the Comoros through improved management planning and rehabilitation of degraded sites - *4 MPA Management Plans: At the beginning*
2. Enhancing stakeholder capacity on use of ICZM as a tool for conservation of the coastal and marine environment through a demo ICZM project in Malindi-Sabaki Estuary Area, Kenya: *Progressing well and on course*
3. Towards integrated spatial planning for sustainable management of coastal and marine resources in Kilifi county, Kenya: *At the beginning*
4. Developing collaborative strategies for sustainable management of mangroves in the Boeny Region Littorale, Madagascar: *At the beginning*
5. Coral culture for small scale reef rehabilitation in Mauritius: *Implementation under-way*



## Component A: Critical Habitats - Demo Projects

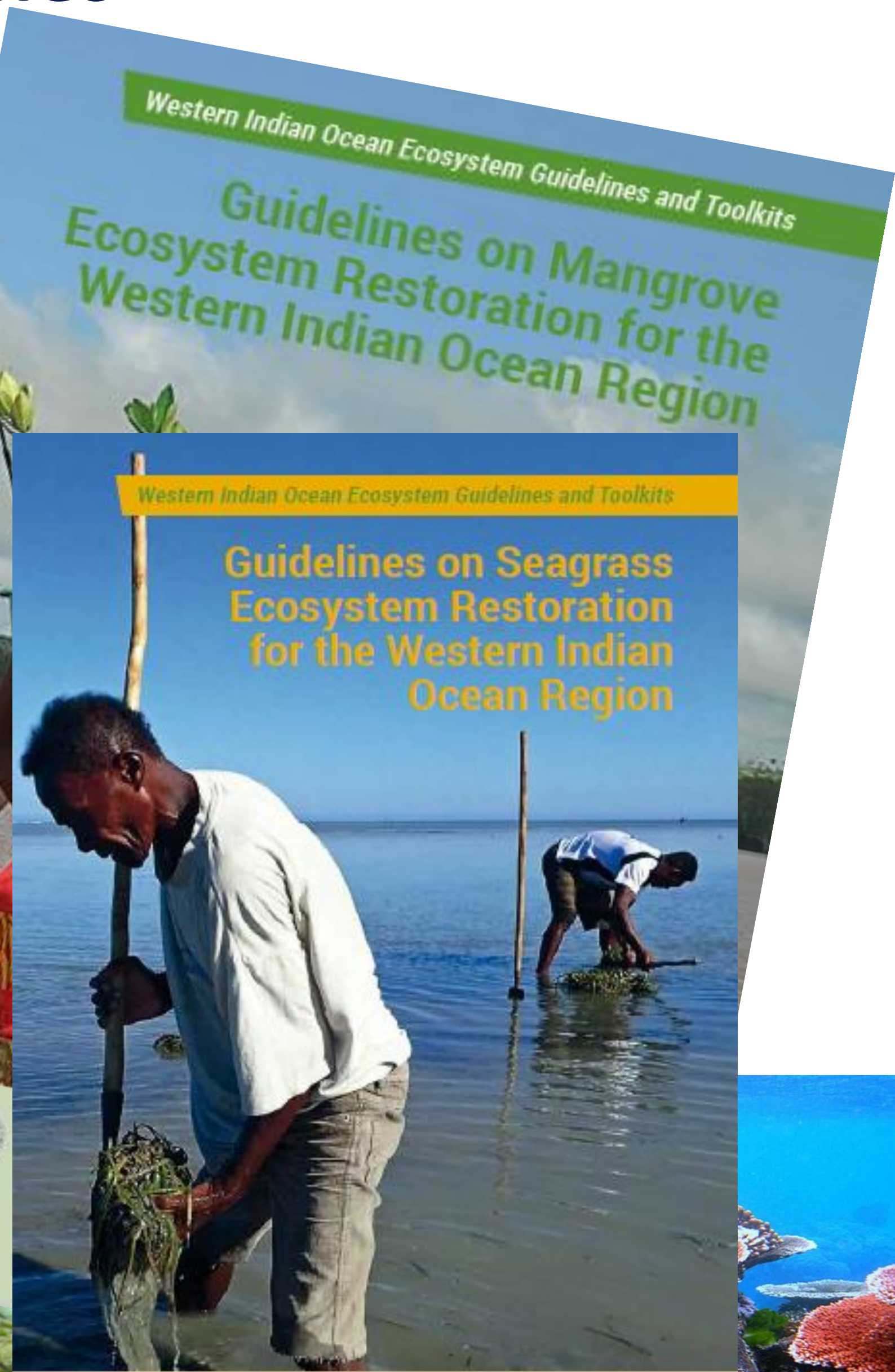
6. Assessment of Blue Carbon Ecosystem (Seagrass) around the island of Mauritius – *Missing banking details from government*
7. Habitat restoration and attraction of seabirds to Ile aux Aigrettes, Mauritius: *Progressing well – COVID/Wakashio*
8. Undertake seagrass restoration for Sustainable Shellfish and drafting a management plan action guideline for seagrass restoration, Mozambique – *Progressing well*
9. Mangrove restoration and livelihood support through community participation in Limpopo River Estuary, Mozambique – *Progressing well*
10. Community-based ecological coastal rehabilitation using an ecosystem approach, Seychelles – *Progressing well*
11. Developing collaborative management plan and sustainable mangrove restoration model in Rufiji Delta, Tanzania – *Just started and underway*



# Component A: Project Guidelines

## Four Guidelines developed under this Component

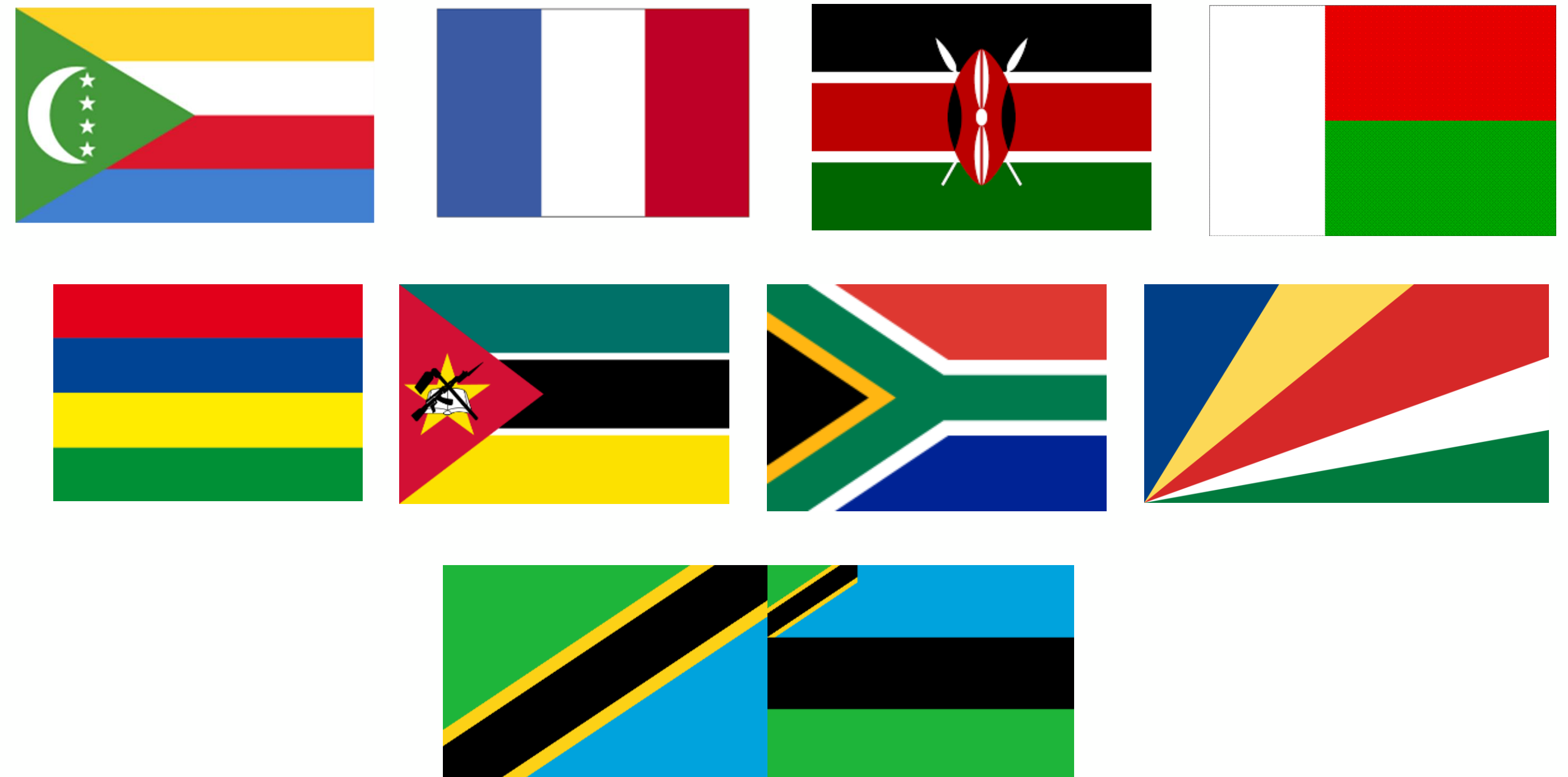
- ✓ **Mangrove Ecosystem Restoration Guidelines**
- ✓ **Seagrass Restoration Guidelines**
- ✓ *Economic Valuation Guidelines*
- ✓ *Climate Change Vulnerability Assessment Toolkit*





# Western Indian Ocean Marine Protected Areas Outlook: *Towards achievement of the Global Biodiversity Framework Targets*

A story of regional collaboration



## WESTERN INDIAN OCEAN MARINE PROTECTED AREAS OUTLOOK

Towards achievement of the Global Biodiversity Framework Targets





## Project Title

1. Improving Mtwapa Creek water quality by use of Constructed Wetland Technology in Shimo la Tewa, Kenya – **COVID delayed**
2. Strengthening regulatory framework and national capacity for monitoring effluent discharges, water and sediments quality in coastal and marine areas of Madagascar – **Implementation started**
3. Improving water quality by use of constructed wetland wastewater treatment as a Farm in the South of Mahé Island, Seychelles - **Delayed**
4. Upscaling and amplification of the Msingini Wastewater treatment facility model in Chake Chake town, Pemba, Tanzania – **Just received funds**
5. Improvement of ecosystem health and water quality by implementing a Source to Sea approach to tackle marine litter in five priority river systems in Durban, Kwazulu-Natal, South Africa – **COVID/Delayed**
6. Improvement in Marine Water quality through enhanced Estuarine Management, South Africa – **COVID/Delayed**







environmental affairs  
Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA



## C: Sustainable Management of River Flows

- EFA Guidelines developed
- EFA training: Senior Managers
  - *Capacity building - demo projects*
  - *Establishment of a CoP on EFA hosted by the NC*
  - *Production of a regional case studies report on EFA for shared learning*





## Component C: Demo Projects

### Project Title

1. Sustainable management of Eflows for west coast rivers of Madagascar: a case of Betsiboka River - *Starting*
2. Environmental Flows for enhanced biodiversity and poverty alleviation in the Incomati delta, Mozambique (EFlows-Moz) - *Underway*
3. Sustainable catchment management through enhanced Environmental Flow Assessment and Implementation for the protection of the Western Indian Ocean from land-based sources and activities in Tanzania - *Underway*





## Component D: Governance and Regional Collaboration

### ICZM Protocol/Ratification of LBSA Protocol

- ICZM Protocol: 4<sup>th</sup> and final negotiation and adoption planned for in 2021
- LBSA Protocol: 4 countries have ratified, more countries on track
- Sustainable Port Management: CP 9/1; CP9/13, Concept/TOR

### Establishment and strengthening of partnerships include:

RECs, PMAESA, WIOMSA, WIO-C, Macquarie University  
Australia, IRD, CSIR, Southern Waters, WIO MN, Sokoine  
University of Agriculture, etc.

### Sustainability of the WIOSAP Project

- Pipeline funding: Two projects developed and funded by EU and SIDA through WIOSAP support – US\$10.6M
- Kenya EU Project (UNH & UNEP) – US\$8M
- GCF Proposal being developed

### Improvement of the NC Clearing House Mechanism

- Regional documents
- Guidelines/Strategies/Frameworks
- Regional and country MPA Dashboards

### Science to Policy Platform

- 2021 SPP: 174 pax, 33 discussion paper
- Sec to work with FPs to prepare areas of decision for 10<sup>th</sup> COP





## FRAMEWORKS AND STRATEGIES UNDER DEVELOPMENT

**WIOSAP** is contributing to the development of several regional products in collaboration with other projects of the Convention:

### Completed

1. Regional Ecosystem Monitoring Framework
2. Regional Water Quality Monitoring Framework (3 docs & Policy Brief)
3. Regional Marine Spatial Planning Strategy

### Final Stages

1. Marine Litter Status: On-ground-interventions, economic impacts, policy and institutional frameworks

### Starting

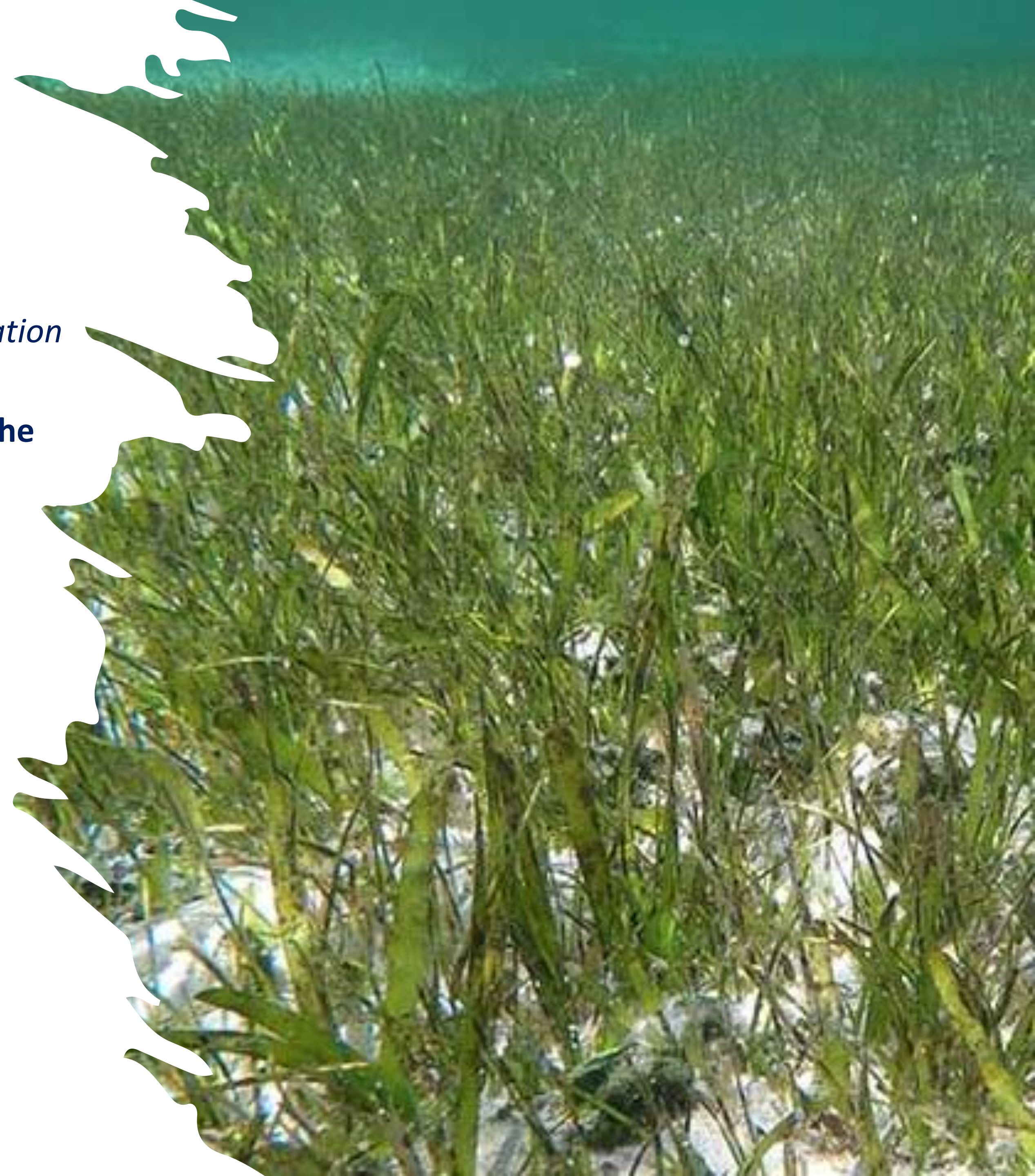
1. Economic Valuation of the TBCA between Tanzania and Kenya
2. Mangrove Ecosystem Restoration in the Western Indian Ocean Region: Lessons and experiences towards the UN Decade of Ecosystem Restoration 2012-2030
3. Constructed wetland technology as nature based solution for sustainable municipal wastewater treatment in WIO region
4. Community adaptation to climate change: Kenya, Tanzania, Madagascar and Mozambique





# Next steps

- **Parent project extended till December 2022**
- **All demo projects Agreements extended till June 2022**
  - *Note that projects lost between 5 – 12 months implementation time*
- **Need to fast-track demo projects implementation – legacy of the project**
- **PMU will have bilateral meetings with respective FP/IPs:**
  - *Detailed discussions on progress*
  - *Any further support to expedite implementation*
- **Success stories from the field**
- **MTR planning underway:** Participation, benefits, sustainability, partnerships, policy support, technical support/Guidelines
- **Co-financing: Critical for GEF Reporting**
  - *Government co-financing: Focal Points*
  - *Demo Projects Implementing Partners*
  - *WIO-C members*





**Thank you**

