



2022-2023 WIOSAP Workplan and budget

Presenter: Jane Ndungu

Components



- **COMPONENT A:** Sustainable management of critical habitats
- **COMPONENT B:** Improved water quality
- **COMPONENT C:** Sustainable management of river flows
- **COMPONENT D:** Governance and regional collaboration

YEAR	2022				2023				
QUARTER	1	2	3	4	1	2	3	4	Budget (US\$)
COMPONENT A: SUSTAINABLE MANAGEMENT OF CRITICAL HABITATS									
<i>Outcome A.1: Critical habitats management</i>									
OUTPUT A.1.2: Management plans									
Activity A.1.2.1. Development of management plans (3 sites representative habitats) <i>1. Assessment of Blue Carbon Ecosystem (Seagrass) in Mauritius</i> <i>2. Designing Sustainable Community-Based Mangrove Harvesting and Restoration Models in Rufiji Delta, Tanzania</i> <i>3. Seagrass restoration for sustainable shellfish fisheries and drafting of a management action plan in Mozambique</i> <i>4. Developing Collaborative Strategies for Sustainable Management of Mangroves in the Boeny Region Littorale, in Madagascar</i>									

YEAR	2022				2023				
QUARTER	1	2	3	4	1	2	3	4	Budget (US\$)
COMPONENT A: SUSTAINABLE MANAGEMENT OF CRITICAL HABITATS									
<i>Outcome A.1: Critical habitats management</i>									
OUTPUT A.1.3: Critical habitats restoration									
Activity: A.1.3.1. Restoration of critical habitats (1 site) <i>1. Sustainable management of shallow marine habitats in the Comoros through improved management planning and rehabilitation of degraded sites</i> <i>2. Coral culture for small scale reef rehabilitation in Mauritius</i> <i>3. Restoring the integrated native terrestrial habitat and seabird community of Ile aux Aigrettes, Mauritius</i> <i>4. Community-based ecological coastal rehabilitation using an Ecosystem approach in Seyschelles</i>									
Activity A.1.3.2. Development of guidelines for restoration of critical habitats <i>Promote the Guidelines on Mangrove Ecosystem Restoration for the Western Indian Ocean Region and Guidelines on Seagrass Ecosystem Restoration for the Western Indian Ocean Region in the restoration sites in A.1.3.1</i>									

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QUARTER	1	2	3	4	1	2	3	4	
COMPONENT A: SUSTAINABLE MANAGEMENT OF CRITICAL HABITATS									
<i>Outcome A.1: Critical habitats management</i>									
OUTPUT A.1.4: Demonstration on ICZM									
<p>Activities: A.1.4.1. Support up-scaling and replication of ICZM and associated capacity building (3 priority sites)</p> <ol style="list-style-type: none"> 1. <i>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</i> 2. <i>Capacity building on the ICZM protocol</i> 3. <i>Towards Sustainable port development in the WIO Region</i> 									

YEAR	2022				2023				Budget (US\$)
	1	2	3	4	1	2	3	4	
COMPONENT B: IMPROVED WATER QUALITY									
<i>OUTCOME B.1: Quality of coastal receiving waters improved through pilot interventions</i>								308,218	
OUTPUT B.1.1: Demonstration of technologies for wastewater and effluent treatment									
Activity: B.1.1.1 Identification and implementation of wastewater management in-country interventions in at least three (3) priority sites									
<p><i>1. Improving Mtwapa Creek water quality by use of constructed wetlands in Kenya</i></p> <p><i>2. Upscaling and Amplification of the Msingini Wastewater Treatment facility in Chaka Chake Town on Pemba Island, Zanzibar;</i></p> <p><i>-Support a regional and national wetland experts following request by IP</i></p> <p><i>3. Improving water quality by using the constructed wetlands on the Mahe Island, Seychelles.</i></p>									
OUTPUT B.1 2.1: Effluents treatment in demonstration sites									
Activity: B.1.2.1. Implementation of effluent reduction measures (1 priority site)									
<p><i>1. Strengthening regulatory framework and national capacity for monitoring effluent discharges, water, and sediments quality in coastal and marine areas of Madagascar</i></p> <p><i>2. Improvement in Marine Water Quality through enhanced Estuarine Management in South Africa</i></p>									

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QUARTER	1	2	3	4	1	2	3	4	
COMPONENT B: IMPROVED WATER QUALITY									
<i>OUTCOME B.1: Quality of coastal receiving waters improved through pilot interventions</i>									
OUTPUT B.1.3: Capacity building on water quality management									
Activity: B.1.3.1. Programmes and actions for empowering communities on water quality management (4 countries) <ol style="list-style-type: none"> 1. Improving Water Quality by use of Constructed Wetland Wastewater Treatment at a Farm in the South of Mahé Island in Seychelles 2. <i>Improvement of ecosystem health and water quality by implementing a Source to Sea based approach to tackle marine litter in five priority river systems in Durban, Kwazulu-Natal in South Africa</i> 3. <i>Madagascar marine litter action plan</i> 									

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	1	2	3	4	1	2	3	4	
COMPONENT C: SUSTAINABLE MANAGEMENT OF RIVER FLOWS									
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<i>OUTCOME C.1: Environmental Flow Assessments (EFAs)</i>									
OUTPUT C.1.1: Environmental flow assessments									
Activity: C.1.1.1. Identification and supporting the conducting of EFA in two selected basins <i>1. Sustainable management of Eflows for west coast rivers of Madagascar: a case of Betsiboka River</i> <i>2. Environmental Flows for enhanced biodiversity and poverty alleviation in the Incomati delta, Mozambique</i> <i>3. Sustainable catchment management through enhanced Environmental Flow Assessment and Implementation for the protection of the Western Indian Ocean form land-based sources and activities in Tanzania</i>									

266,874

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	1	2	3	4	1	2	3	4	
COMPONENT C: SUSTAINABLE MANAGEMENT OF RIVER FLOWS									
COMPONENT C: SUSTAINABLE MANAGEMENT OF RIVER FLOWS									
<i>OUTCOME C.1: Environmental Flow Assessments (EFAs)</i>									266,874
OUTPUT C.1.2: Implementation of flow assessment recommendations									
Activity: C.1.2.1. Development and implementation of environmental flow management plans (2 basins) <ol style="list-style-type: none"> 1. Sustainable management of Eflows for west coast rivers of Madagascar: a case of Betsiboka River 2. Environmental Flows for enhanced biodiversity and poverty alleviation in the Incomati delta, Mozambique 3. Sustainable catchment management through enhanced Environmental Flow Assessment and Implementation for the protection of the Western Indian Ocean form land-based sources and activities in Tanzania 									

YEAR	2022				2023				
QUARTER	1	2	3	4	1	2	3	4	Budget (US\$)
COMPONENT D: GOVERNANCE AND REGIONAL COLLABORATION									
<i>OUTCOME D.1 Updated policies and strong institutions underpin WIO-SAP implementation</i>									
OUTPUT D.1.2: Ratification of LBSA protocol									
Activity: D.1.2.1. Support country processes for ratification of the LBSA protocol <i>4 countries ratified, 3 more about to ratified.</i>									
Activity: D.1.2.2. Build national capacity for implementation of LBSA Protocol (linked to B. 2.3.1) <i>1. Capacity on water quality monitoring, conducted constructed wetlands training in 2019</i> <i>2. A case studies book on the application of constructed wetlands as a nature based low cost technology in the management of wastewater- Working with RTF on water quality and WIOMSA</i>									
OUTPUT D.1.3: Implementation of the WIO-SAP project									
Activities: D.1.3.1. Support to countries to monitor WIO-SAP project and state of the coast environment									
Activity D.1.3.2. Presentation of regular reports on WIO-SAP Project to national interministerial committees (linked to D. 3.2.2)									

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COMPONENT D: GOVERNANCE AND REGIONAL COLLABORATION									
<i>OUTCOME D.1 Updated policies and strong institutions underpin WIO-SAP implementation</i>									
OUTPUT D.1.4: Coordinated management, monitoring and learning									
Activity D.1.4.1. Develop capacity of the WIO-SAP project management, coordination of learning and exchange, resource mobilization 1. Planning of exchange programmes between relevant demo projects 2. Development of Kenya GCF project 3. Development of GEF 8 project									
Activity D.1.4.2. Strengthening the capacity of national structures including, the Nairobi Convention Focal Points to provide oversee the WIO-SAP project implementation									
Activity D.1.4.3. Support the establishment and operationalisation of the regional coordination and implementation structures: <i>Working with the five operational Technical Working Groups and Task Forces - Critical Habitats, Water Quality, River Flows, Marine Litter and Microplastics and Marine Spatial Planning</i>									

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QUARTER	1	2	3	4	1	2	3	4	
COMPONENT D: GOVERNANCE AND REGIONAL COLLABORATION									
<i>OUTCOME D.2: Knowledge management systems and exchange mechanisms</i>									246,336
OUTPUT D.2.1: Expansion of Nairobi Convention Clearing House Mechanism									
Activities: D.2.1.1. Improvement of the NC Clearing House Mechanism <i>-Updating the CHM with new data from the various WIOSAP and other NC projects</i>									
Activity D.2.1.2. Development of institutional and financial means for sustaining NC knowledge management role: <i>- Development of a knowledge management strategy (EU project and WIOGI)</i>									
OUTPUT D.2.2: Nairobi Convention science-policy exchange platform									
Activities: D.2.2.1. Development of a medium-term science for policy programme <i>1. Strengthen the science to policy platform</i> <i>2. Publish premier science to policy series</i>									
Activity D.2.2.2. Regional scientific platforms and networks for coordinating the implementation of the project:									



Detailed Budget