



Concept Note for

Management and Conservation of Mangroves in Mozambique Workshop

Maputo, December 2018

1. Background

Mozambique has the second largest mangrove area in Africa covering approximately 305,400 ha (Fatoyinbo and Simard 2013) with the Zambezi river delta representing a large portion of the country's total mangrove area and the second largest continuous mangrove habitats in Africa (Barbosa, et al 2001).

Considering the importance of mangroves to Mozambique, especially to coastal communities heavily dependent on their resources and the need for good management to ensure sustainable mangrove use, the World Wildlife Fund (WWF-MCO) in collaboration with the Institute of Fisheries Research (IIP), is organizing a Workshop on Management and Conservation of Mangroves in Mozambique to disseminate studies carried out over the last few years contributing to a greater knowledge on several aspects related to mangroves such as ecosystem services and mapping. WWF-MCO through the Blue Forests Project has supported the Ministry of the Sea, Inland Waters and Fisheries (MIMAIP) through the IIP in the development and revision of the first specific mangrove tool in the country - the National Strategy and Action Plan for Mangrove Management in Mozambique and this meeting aims to align the different initiatives with the objectives of the Mangrove Strategy, which is in final approval phase. This workshop also intends to promote a dialogue to facilitate identify options to integrate mangroves into national policies and objectives (NDCs, ODS, REDD +, other).

This initiative is part of the "Blue Forests Project in Mozambique" which is currently being implemented and is part of a global initiative funded by the Global Environment Facility (GEF) through GRID-Arendal, which is being implemented in Madagascar, Ecuador, Abu Dhabi and Indonesia.

The project focus in the application of blue forests methodologies and approaches for valuing carbon and other ecosystem services (ES). The intervention aims at improving the understanding of ES and carbon storage and sequestration for mangrove ecosystems in Mozambique, and to develop improved ecosystem management founded upon that understanding. The objective of this small-scale intervention is to help meet national priorities in coastal management, especially pertaining to the protection of mangrove ecosystems, and priorities in national climate change policy.

On the first day of the Workshop Management and Conservation of Mangroves in Mozambique, we intend to have a broader and more technical audience in order to contribute to a greater discussion and dissemination of knowledge and on the second day, a more restricted meeting with key people to



participate in the dialogue of identifying options for integrating mangroves into national policies and targets, as well as explore opportunities for carbon finance for mangroves in Mozambique.

2. Workshop Objectives

Day 1

- i. Collate and present information of past/ongoing mangrove activities in Mozambique to align with the National Strategy and Action Plan for Mangroves in Mozambique.

Day 2

- ii. Identify options to integrate mangroves in national policy goals (NDCs, ODS, REDD+, other).
- iii. Explore opportunities for carbon financing in mangroves of Mozambique.

3. Timing, Location and Methodology

Date and Location: The meeting will take place in Maputo at the Radisson Hotel on the 18 of December 2018 from 8:30 am– 4:00pm and on the 19th from from 8:30 am– 12pm.

Agenda and logistics: The workshop preparations, invitations and facilitation will be conducted by WWF in collaboration with IIP.

All costs will be covered by the WWF-MCO Blue Forests Project.

The meeting agenda is presented below and includes interventions by relevant stakeholders from Government institutions as well as key researchers involved in the studies conducted. There will be space for plenary sessions to allow participation of everyone attending the workshop and discussion of possible next steps.

Participants: It is expected that approximately 30/40 participants will attend the Workshop for Management and Conservation of Mangroves in Mozambique. Participants will include representatives from government departments, academic and research institutions working with mangroves well as representatives from other sectors such as Non-Governmental Organizations (NGOs), Civil Society Organizations (CSOs) and private sector. All participants are expected to participate actively with interventions that will contribute to the outcome of the event.

Key stakeholders and specific institutions that will be invited are listed below:

- **Governmental Institutions:**
 - Ministry of Sea, Inland Waters and Fisheries (MIMAIP); IIP (Fisheries Research Institute), ADNAP (National Administration of Fisheries);
 - Ministry of Land, Environment and Rural Development (MITADER), National Directorate of Environment (DINAB); National Directorate of Forests (DINAF), FNDS (REDD+);
 - Ministry of Energy and Mineral Resources (MIREME);
 - National/Provincial Directorates and other relevant institutions including Maputo and Quelimane Municipalities
- **Academic Institutions:** Eduardo Mondlane University (UEM) including Superior School of Marine and Coastal Sciences of Quelimane (ESCMC), UniLúrio, UniZambeze;
- **NGOs (International) and Civil Society Organizations** (IUCN, CTV, Biofund, FOSCAMC, among others);



- **Other partners:** Embassies in Mozambique: Embassy of Norway, Embassy of Sweden, Embassy of Germany, Embassy of Netherlands, World Bank, USAID, UNEP, FAO, etc).

Materials: Reports of studies on mangroves will be printed out and available for the meeting including studies conducted during the Blue Forests Project.

4. Workshop Agenda

Day 1 – December 18th

Objective

- Collate and present information of past/ongoing mangrove activities in Mozambique to align with the National Strategy and Action Plan for Mangroves in Mozambique.

	Presentations	Apresentador
8:00 – 8:30	Registration of participants	Secretariat
8:30 – 8:40	Welcome	
8:40 – 8:50	Blue Forests Project and Small-scale Interventions	Steven Lutz, GRID-Arendal
8:50 – 9:00	General overview of Blue Forest Project intervention in Mozambique	Dalila Sequeira, WWF
9:00 – 9:15	Ecosystem Services Valuation of the mangroves in the Zambezi Delta	António Hogueane, ESCMC
9:15 – 9:30	Mapping and change analysis of mangroves in the Zambezi Delta	Ivan Pelegrín, Consultor
9:30 – 9:45	<i>Discussion</i>	All
9:45 – 10:05	Mozambique mangrove mapping	Aurélie Shapiro, WWF-Germany
10:05 – 10:25	Impact of Climate Change in the mangrove Ecosystem of Quirimbas National Park	Denise Nicolau, Biofund
10:25 – 10:40	<i>Discussion</i>	All
10:40 – 10:55	C O F F E E B R E A K	
10:55 – 11:10	Mangrove Crab Potential	Filipe and Kelvin, IIP
11:10 – 11:25	National Mangrove Inventory	DINAF/MITADER
11:25 – 11:40	Monitoring of mangroves in Conservation Areas (Pomene and Bazaruto)	CTV
11:40 – 11:30	<i>Discussion</i>	All
12:30 – 14:00	L U N C H	
14:00 – 14:15	Mangrove restoration with local communities – Nampula Province	AENA
14:15 – 14:30	Mangrove restoration in Zambezia Province	Nelson Lemane, ANAMA
14:30 – 14:45	Lessons Learned and good practices for mangrove rehabilitation	Célia Macamo, UEM
14:45 – 15:00	Sustainable small scale carbon offset project. Case study: Mikoko Pamoja	James Kairo, Kenya Marine and Fisheries Research Institute



	Blue Forests interventions that support sustainable Blue Economy – global examples	Steven Lutz, GRID-Arendal
15:00 – 15:20	<i>Discussion</i>	All
15:20 – 15:40	Presentation of National Strategy and Action Plan for Mangroves in Mozambique – Status and Next steps	MIMAIP/IIP
15:40 – 16:20	Discussion with panel: Mangrove conservation and options for sustainable use.	Painelistas convidados
16:20 – 16:30	Closing Remarks	
16:00	End	

DAY 2 – December 19th

Objectives

- i. Identify options to integrate mangroves in national policy goals (NDCs, ODS, REDD+, other).
- ii. Explore opportunities for carbon financing in mangroves of Mozambique.

	Presentations	Presenter/Moderator
8:00 – 8:30	Official opening	Protocol
8:30 – 8:45	Welcome	
8:45 – 9:00	Blue Forests policy options to support sustainable management of mangroves and communities	Steven Lutz, GRID-Arendal
9:00 – 9:15	Review of coastal and marine ecosystem based adaptation to achieve climate policies.	Célia Macamo, UEM/ Alex Benkenstein, SAIIA
9:15 – 9:30	Explore opportunities for carbon financing in mangroves of Mozambique.	James Kairo, Kenya Marine and Fisheries Research Institute
9:30 – 10:00	Discussion	All
10:00 – 10:15	Contribution to Sustainable Development Goals and align with international commitments	MIMAIP/IIP
10:15 – 10:30	NDC – Nationally Determined Contribution – integration of mangroves in Mozambique NDCs	NDC Partnership
10:30 – 10:45	<i>Discussion</i>	All
10:45 – 11:05	COFFEE BREAK	
11:05 – 12:00	Identification of national policy goals to integrate mangroves (NDCs, ODS, REDD+)	Discussion
12:00 – 12:15	Closing Remarks	

