

SADC-JICA FORESTRY PROJECT Forest Information System Component

Mozambique Presentation

Kasane, BW
24 ~ 27 / 02 / 2020

Renato Timana and Fatima Bonete



SADC-JICA Forestry Project Event Participants (Mozambique)

Forest Information System						
Expert Working Group						
2016	Nov	S.Africa	Renato Timana	Department of Forest Resources Inventory	Aida Zita	DINAF Manitoring Division
2017	Nov	Botswana	Alves Amaral	Cabo Delgado Forest Service		
2018	Oct	Zambia	Renato Timana	Department of Forest Resources Inventory		
2020	Feb	Botswana	Renato Timana	Department of Forest Resources Inventory		
Basic Training						
2017	Jun	Botswana	Paulo Feniasse	Department of Natural Forest		
2017	Nov	Botswana	Alves Amaral	Cabo Delgado Forest Service		
Advanced Training						
2019	Jun	Botswana	Renato Timana	Department of Forest Resources Inventory		
2019	Jul	Botswana	Milda Mause	Department of Forest Resources Inventory		
NFIS Training						
2019	Dec	Botswana	Renato Timana	Department of Forest Resources Inventory		



Forest Fire Management						
Expert Working Group						
2016	Nov	S.Africa	Renato Timana	Project Focal Point	Aida Zita	DINAF Manitoring Division
2017	Nov	Botswana	Obasanjo Dembele	Department of Forest Resources Inventory		
2018	Oct	S.Africa	Ermelinda Estefania	Manica Forest Service		
2020	Feb	Namibia	Fatima Bonete	Department of Community Forest Management		
Joint Basic Training						
2017	Nov		Ermelinda Estefania	Manica Forest Service		
Advanced Training (Fire only)						
2018	Oct		Obasanjo Dembele	Department of Forest Resources Inventory		
Land use Management training						
2017	July	S.Africa	Ermelinda Estefania	Manica Forest Service		
2017	Aug	S.Africa	Obasanjo Dembele	Department of Forest Resources Inventory		
Trial MOU +Awareness						
2019	July	S.Africa	Ermelinda Estefania	Manica Forest Service		
Comprehensive Training						
2019	Nov	Lesotho	Fanuel Muchanga	Gaza Forest Service		



Use of the results of FIS/FFM training

- Field Data collection
 - FIS (mapping and ground truth)
 - FFM (affected area and monitoring system)
- Data processing and forest area change calculation
 - FIS - using different open sources and tools
 - Landsat, Hansen data, JAXA FNF, Polygon
 - GEE, QGIS
 - FFM
 - Interpretation of information reported and processed
 - Update FFM map
- Integrated Fire Management
 - Coordination (stake holders, legislation)
 - Prevention (awareness, early warning system)
 - Protection (protection strategy)
 - Suppression (detection, communication, coordination, tools and equipment)



Present and Future

- Establishment of FIS
 - Mapping the Forest Area Change
 - Sustainable Forest Management
- Establishment of NFMS
 - Respond to Climate Change
 - Sustainable Forest Management
- International reports
 - FRA
 - BUR
 - NC
 - FREL
 - SADC-RFIS
- National training using the Manuals and Guidelines



Data sources for NFIS

Customized Landsat Time-Series country forest loss/gain data

- ❖ Thresholds are customizable to generate best data for MSs.
- ❖ Can be used to feed RFIS annually.

