



# KAZA IMPACT MONITORING SYSTEM

for adaptive management &  
integrated planning

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# What is KAZA TFCA

## KAZA TFCA Vision

*To establish a world-class transfrontier conservation area and tourism destination in the Okavango and Zambezi River Basin regions of Angola, Botswana, Namibia, Zambia and Zimbabwe within the context of sustainable development.*

## KAZA TFCA Mission

*To sustainably manage the Kavango Zambezi ecosystem, its heritage and cultural resources based on best conservation and tourism models for the socio-economic wellbeing of the communities and other stakeholders in and around the eco-region through harmonisation of policies, strategies and practices.*



# The Process of developing a monitoring system in the KAZA TFCA

- Guided by:
  - the Logical Framework,
  - the KAZA Operational Plan (to improve the monitoring function of the KAZA Secretariat as it relates to monitoring execution of operation plans),
  - Vision and Mission,
  - Thematic Areas (Natural Resource Management, Land Use, Tourism, Livelihoods, and Infrastructure) under the KAZA Master Integrated Development Plan (IDP);
- Identified key biological and socio-economic indicators;
- Developing an online interactive mapping tool to analyze changes in the key indicators over time;
- Monitoring of and reporting on progress made in the Plan; implementation of programmes;
- The ultimate aim of monitoring is to develop a regular State of KAZA TFCA Report – to describe the impact of initiatives in KAZA TFCA towards the achievement of its Vision;



# Monitoring Scope

- Activity monitoring
- Financial monitoring
- Result monitoring (annual report)
- Outcome monitoring (review report)
- Impact monitoring (Evaluation report)



# What kind of Indicators are useful? Set of agreed targets for key Indicators as identified by KAZA:

- Eight (8) Indicator Groups and Indicators has been developed, and are summarised under the [following](#) (for purposes of discussion),
- Indicator Groups
  - Tourism
  - Human Wildlife Conflict
  - Land use
  - Land Cover
  - Socio Economic
  - Species Population
  - Infrastructure
  - Conservation/Ecosystem Integrity.

Christine: I have a link which will take us to the main table of the Indicators and their descriptions (the table I had shared with you last Friday) – which will be the main focus of discussion on the presentation as we agreed



# Tools used in the KAZA TFCA

TOOLS	Purpose
MOMS	State of the Environment
Social Economic Survey	Impacts at grassroots level
FIRMS	Occurrence of fire
MIKE	The Illegal killing of elephants
Tourism Satellite Account	Contribution of tourism to National GDP
Net gear	Fish stock assessment/catch effort
Remote Water Quality Monitoring	Measure quality of water



# Systems used in the KAZA TFCA

SYSTEM	
SMART	
Geographic Information System	
Advances Fire Information System	
Tourism Receipt Accounting System 2	
SUN System	
POS System	
Micropay system	
Microsoft Exchange	
ISA	
Linux	
Web ticket	
ZimParks Web-based booking system	



# Gaps in the monitoring system

- Impact on habitat (animal and vegetation due to occurrence of fire),
- Benefits accrued to households, income generation and operational costs,
- Human wildlife conflict data,
- Protected area management effectiveness.





# Thank You

