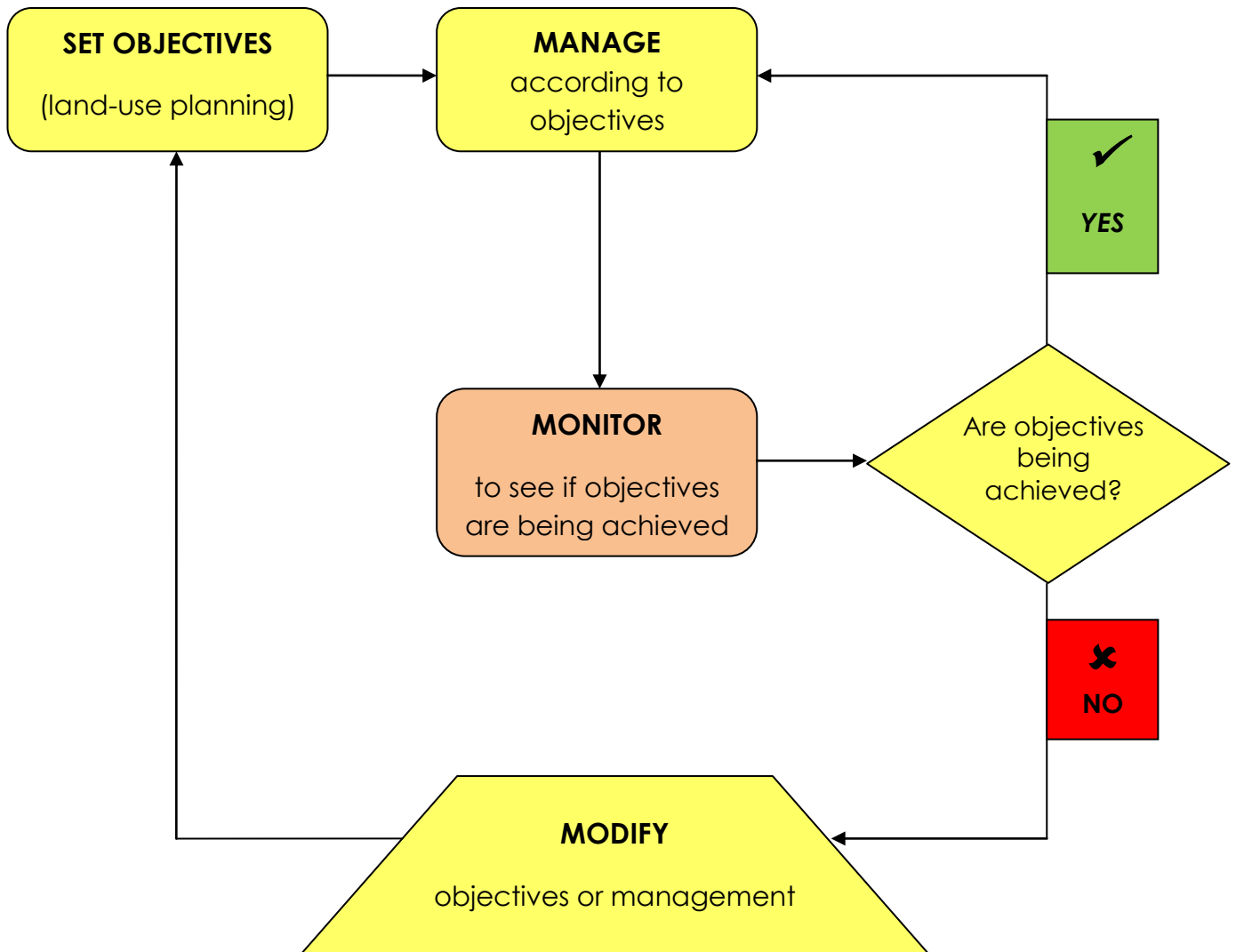


MODULE 3.1, HANDOUT #1: Diagrammatic explanation of adaptive management



MODULE 3.1, HANDOUT #2: Event Book basics

INTRODUCTION

This is a system that enables people to collect and interpret information that is relevant to their needs

The aims of the system are:

1. To collect information in a simple, user-friendly and practical way
2. To provide a way of analysing the information that can be done by anyone and not just highly-trained people
3. To improve methods of passing on information (reporting)
4. To allow data to be stored (archived) in an orderly way so that it can be kept safely for use in the future

The operating principles of the system are:

1. The people in the communities decide on what they need to monitor – things that are relevant to them and related to their work or livelihoods
2. Everything – data collection, analysis and archiving – is done locally
3. Everything – data sheets with data, analysis charts etc., stays with the community
4. A technical team supports the process only
5. It's entirely paper-based, although data can be captured electronically
6. It is modular – for each theme there is a complete system colour-coded to avoid confusion

The advantages of the system over traditional data collection systems are that:

1. There is no 'data mining' – where field workers are expected to spend a lot of their time collecting data for others (and seldom see the outcome)
2. It gives a sense of 'ownership' of the data and motivates field workers to do the collection
3. There is no sophisticated/expensive equipment required
4. There is little technical input required
5. ANYTHING can be monitored
6. It is sustainable

The phases of the system are:

1. Identifying what to monitor: done by users with help from technical support team – produces a 'Mind Map'
2. Designing the materials: done by technical support team
3. Training in recording data (yellow level)
4. Practice with support visits from technical team (monthly at first)
5. Training in monthly reporting (blue level)
6. Practice with regular support visits from technical team
7. Training in annual reporting (red level)
8. Practice with regular support visits from technical team
9. Archiving
10. Audits

MODULE 3.1, HANDOUT #3: Event Book basic training (page 1 of 5)

YELLOW LEVEL

1

A page from
an individual's
Event book

PROBLEM ANIMALS

PROBLEM ANIMALS			Location (GPS / Grid Cell)		Livestock killed (nos)										Damage confirmed?		Problem Animal Controlled by:					Name & address of Complainant	Investigated by:																																																																																																																																																																																																																																																																																																																																																																																																																								
Date	Problem Species	Place	South	East	Cattle	Sheep or Goats	Pigs	Wild birds	Chickens	Donkeys	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock			Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other livestock	Other 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2

Event books

As often as
possible, copy
the information
from the pocket
books

into the office
register

OFFICE REGISTER

Station: _____

Park: _____

Year: _____

MOMS
INCIDENT MONITORING



MODULE 3.1, HANDOUT #3: Event Book basic training (page 2 of 5)

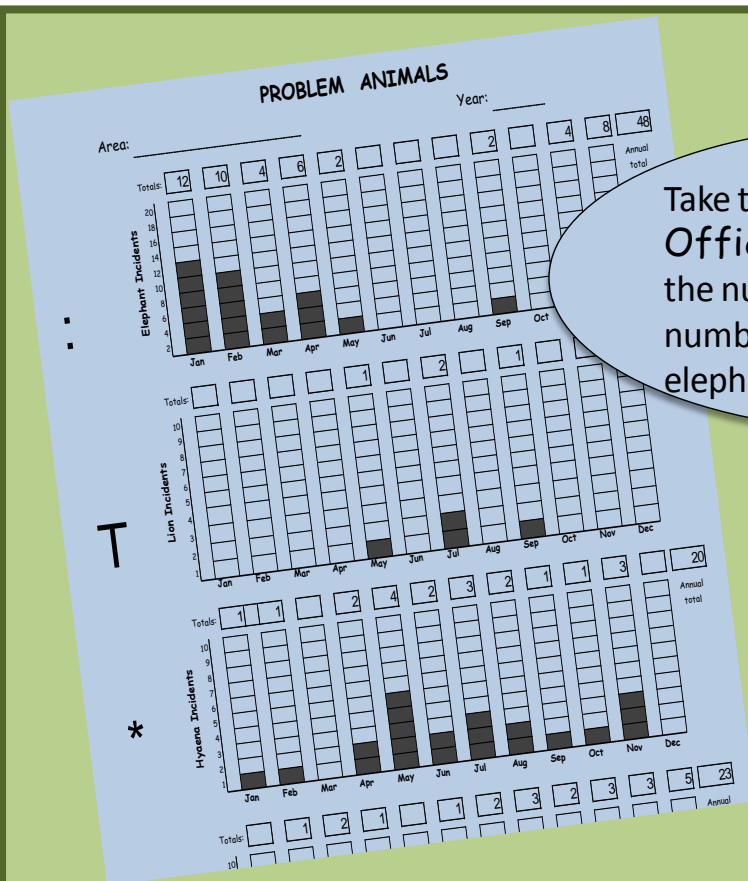
BLUE LEVEL

EACH MONTH:

In the Office Register, add up the number of incidents for each COLUMN (eg this page shows 12 elephant incidents in Jan)

3

PROBLEM ANIMALS																					
Date	Problem Species	Place	Location GPS / Grid Cell		Extent of Loss								Damage confirmed?		Action Taken					Name & address of Complainant	Investigated by:
					Livestock killed (est)								Yes	No	Problem Animal Controlled by:						
			Cattle	Sheep	Pigs	Horses & Donkeys	Goats	Other	Other	Other	Subsided	Star			Proased	Other					
1-Jan	Elephant	Sovelo							✓					✓					MR Mugite	D Gibson	
1-Jan	Hyana	Katuvua					4							✓					Mr JZ una	D Gibson	
1-Jan	Elephant	Ludwigsdorf							✓										MS Njona	D Gibson	
6-Jan	Elephant	Hodland Park							✓										Ms P dhantha	D Gibson	
6-Jan	Hyana	Khomasdal																	Ms NK Imodok	D Gibson	
6-Jan	Ele	Sovelo							✓										MR Mugite	D Gibson	
7-Jan	Elephant	Ludwigsdorf							✓										MT sangrae	D Gibson	
8-Jan	Elephant	Katuvua							✓					✓					MR Bush	D Gibson	
9-Jan	Ele	Hodland Park							✓										Ms P dhantha	D Gibson	
26-Jan	Elephant	Sovelo							✓										MR Mugite	D Gibson	
27-Jan	Ele	Sovelo							✓										ML Kabila	D Gibson	
28-Jan	Elephant	Ludwigsdorf							✓										MR Brown	D Gibson	
28-Jan	Elephant	Katuvua							✓										Mr JZ una	D Gibson	
30-Jan	Elephant	Sovelo							✓										MR Bush	D Gibson	
01-Feb	Leopard	Ludwigsdorf																	MR Mugite	D Gibson	
07-Feb	Elephant	Brakwater							✓										ML Kabila	D Gibson	
08-Feb	Hyana	Ludwigsdorf																	MR Brown	D Gibson	
11-Feb	Elephant	Khomasdal							✓										Mr JZ una	D Gibson	
17-Feb	Elephant	Brakwater							✓										MR Bush	D Gibson	



Take the totals from the Office Register and colour in the number of blocks for that number each month (eg 12 elephants for Jan)

4

RED LEVEL



Add up the total number of incidents for each species for the year on the blue chart

Colour in the number of blocks for each incident for the year

MODULE 3.1, HANDOUT #3: Event Book basic training (page 4 of 5)

AUDITS



Figure 1 (left): Checking the data from the Event Books

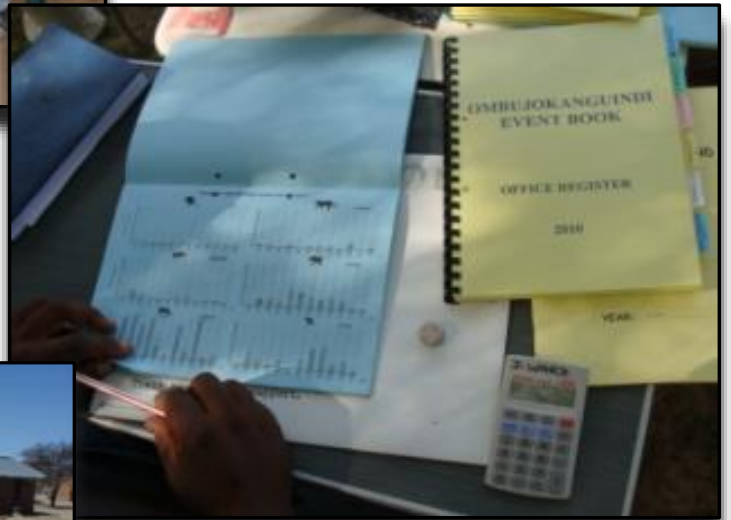


Figure 2 (above): The monthly reporting charts and Office Register



Figure 3 (above): Checking that the monthly data are correct



Figure 4 (above): Discussing the audit results

MODULE 3.1, HANDOUT #3: Event Book basic training (page 5 of 5)

ARCHIVING



Figure 2 (right): Filing the year's data in the Archive Boxes



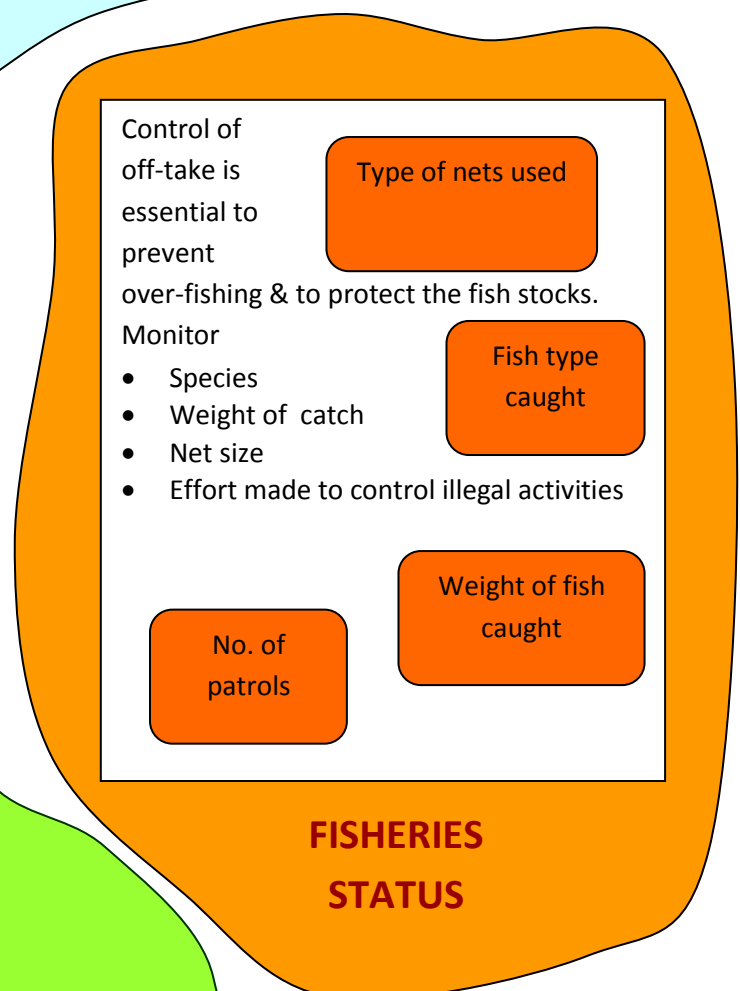
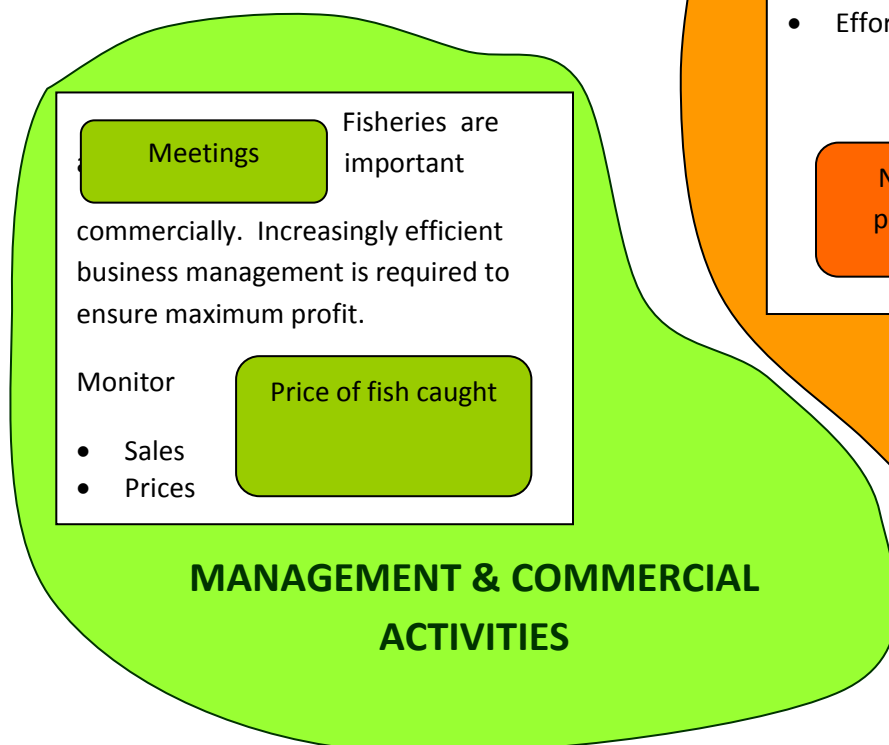
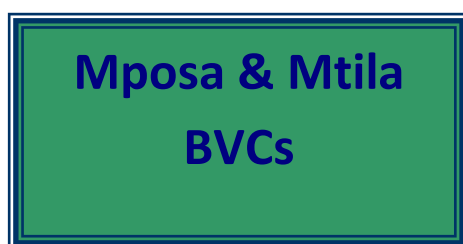
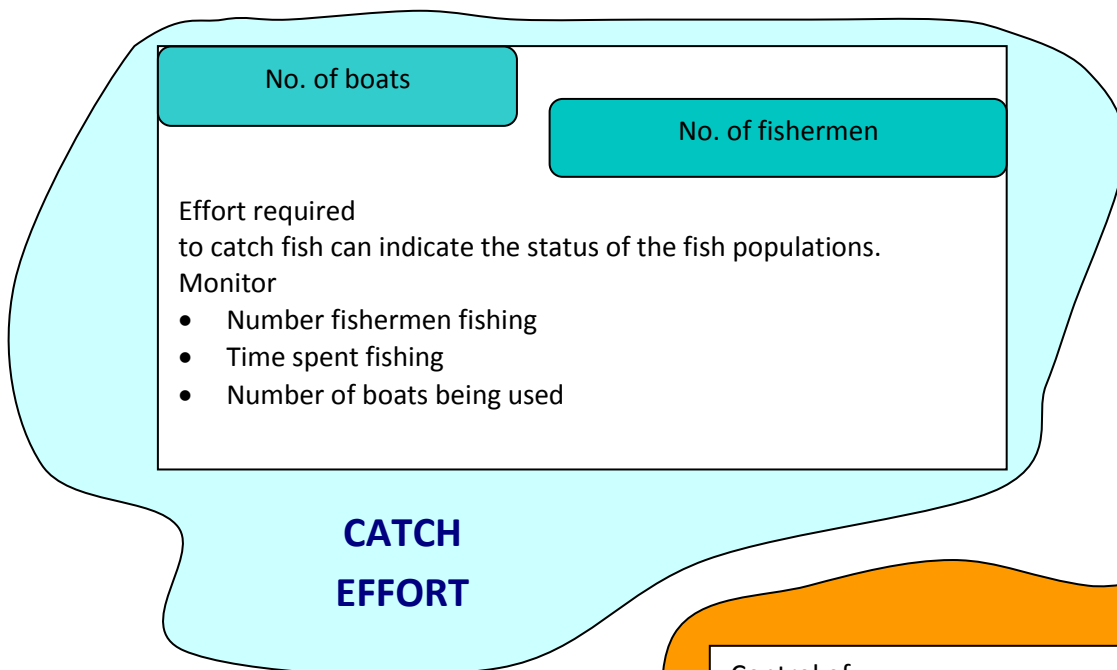
Figure 1 (left): Event Book Monitoring System Archives

BOTSWANA



MODULE 3.1, HANDOUT #4: 'Mind Map' examples (page 2 of 4)

MALAWI 1



MODULE 3.1, HANDOUT #4: 'Mind Map' examples (page 3 of 4)

MALAWI 2

ADMINISTRATION

To manage the area properly activities & resources must be recorded.

Meetings

- Budgets
- Income
- Expenditure

Finances

Established
GAs

- Staff activities
- Legislation

Illegal activities

Illegal tree cutting

threaten conservation of wildlife & habitats.

Monitor illegal activity

Poaching

- Type
- Number
- Response
- Who

Fencing
vandalism

Problem animals

Human-wildlife conflicts

can impact negatively on neighbouring communities

as well as on conservation. Monitor

- Species
- Location
- Damage
- Response
- No of incidents

Natural threats may

not be controlled but are monitored for their impacts on wildlife & the environment

UPPER SHIRE ASSOCIATION FOR THE CONSERVATION OF LIWONDE

Tourism Statistics

Visitors to Park

- No of visitors
- Vehicles
- Revenue etc

Revenue
Collection

MANAGEMENT

Monitoring & Research is

required to
guide
management

Animal
counts

Weather
records

Rare &
endangered
species

Vegetation
survey

Management Activities

are required for conservation of wildlife & habitats

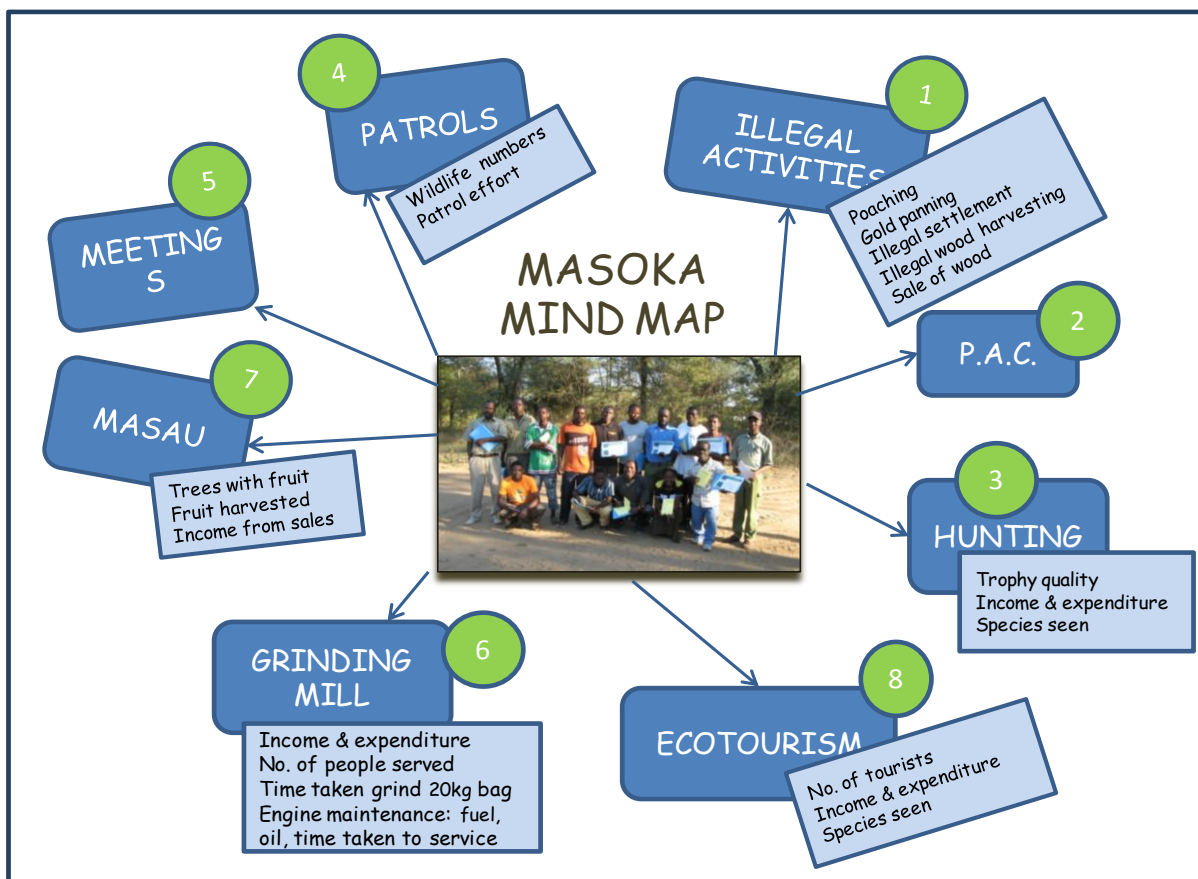
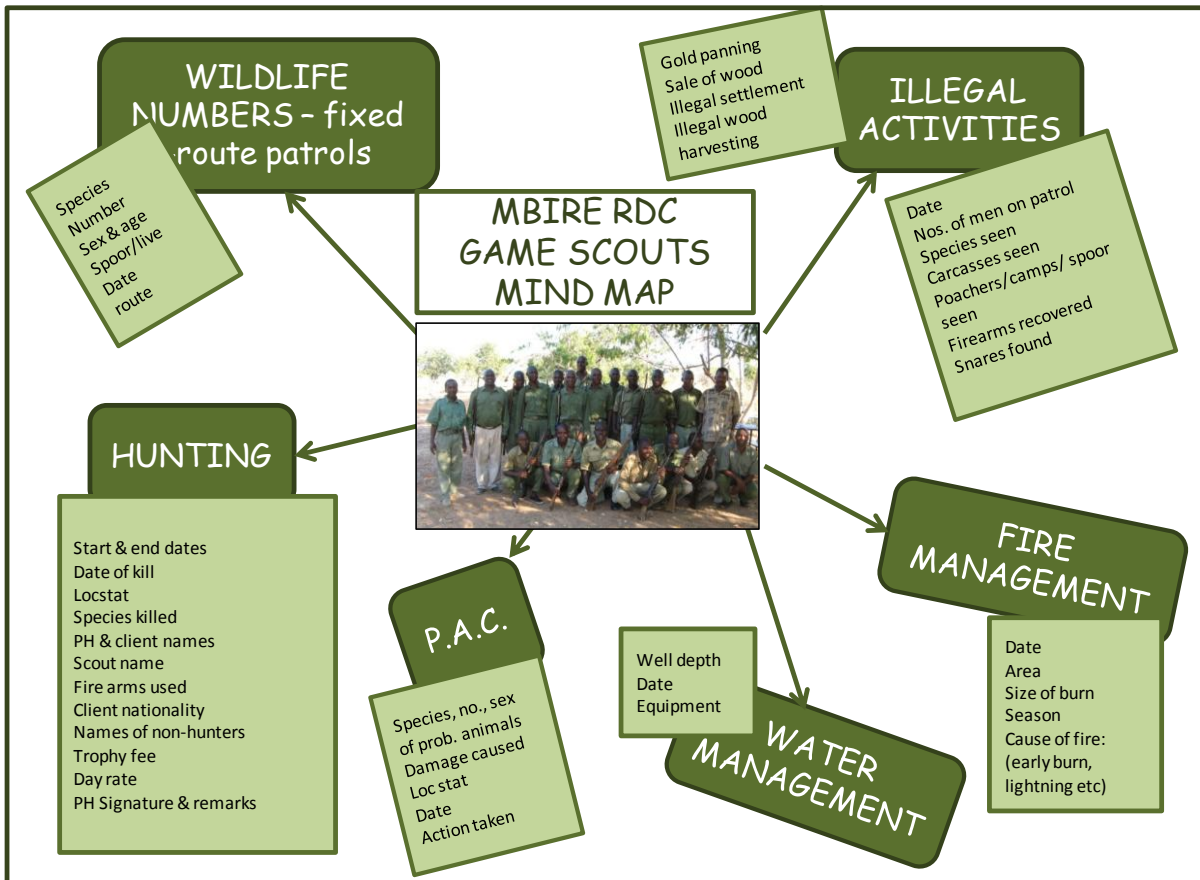
Fence clearing

Patrols

Problem animal
control

MODULE 3.1, HANDOUT #4: 'Mind Map' examples (page 4 of 4)

ZIMBABWE



MODULE 3.1, HANDOUT #5: EBMS Rules

Event Books

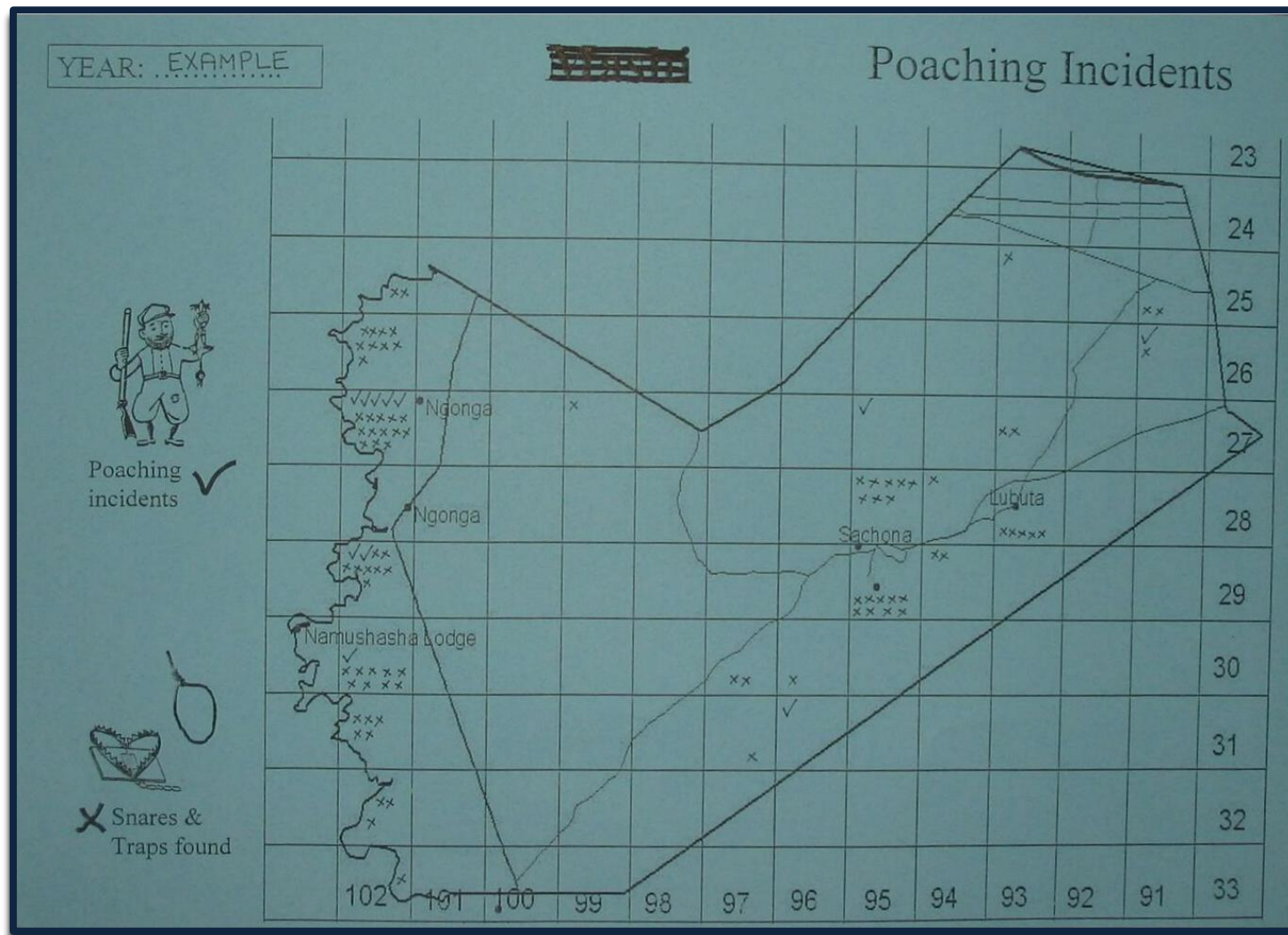
- 1 Your Event Book is always with you (take it everywhere with you)
- 2 It never sleeps (enter information 24 hours a day, 7 days a week)
- 3 It never shares incidents with other Event Books (check in the Office Register to see that the incident has not already been reported)
- 4 It never works in another conservancy
- 5 It never lies
- 6 It is always neat
- 7 Never tear out pages
- 8 Transfer information to the Office Register as soon as possible

Office Register

- 1 The Office Register never leaves the office
- 2 The Office Register never sleeps (enter information 24 hours a day, 7 days a week)
- 3 It never records incidents from another conservancy
- 4 It never lies
- 5 It is always neat
- 6 Never tear out pages
- 7 At the end of each month, leave 2 lines blank for summaries
- 8 Summarise Office Register at the end of each and every month

MODULE 3.1, HANDOUT #6: Example of a blue level reporting map

The map below shows where poaching incidents were concentrated in the conservancy. Different symbols can be used to represent different types of events and different colours for different months (useful for problem animal events)



MODULE 3.1, HANDOUT #7: Data flow chart

