

maximising wildlife returns by minimising threats...

Conservancy status summary

Returns from natural resources in 2016

the chart shows the main sources of returns and values and their percentage of the total returns

Approximate Total Returns N\$

No data available

- Combined tourism returns N\$ 0 (%)
- Combined hunting returns N\$ 0 (%)
- Veld product returns N\$ 0 (%)
- Other returns (e.g. interest) N\$ 0 (%)

Two of the most significant returns for the conservancy:

- ✓ cash income to the conservancy to cover running costs and invest in developments
- ✓ employment to conservancy residents

Conservancy income		N\$
Employment	Private Sector	
	Conservancy	

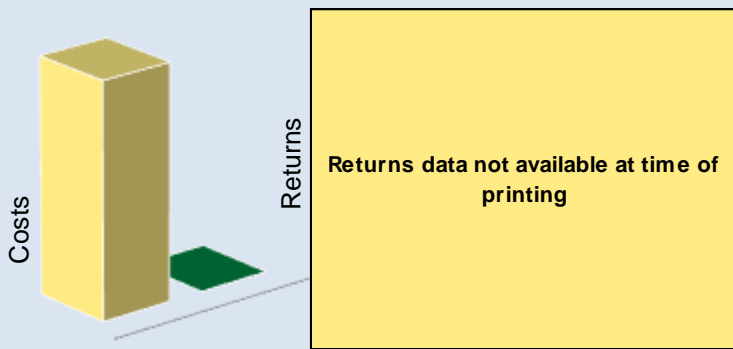
Cost of natural resource conflicts in 2016

estimates are based on average national values

Estimated human wildlife conflict cost	N\$ 196,410
Estimated poached high value species loss	N\$ 0
Total conflict cost estimate	N\$ 196,410

Natural resource cost-return ratio in 2016

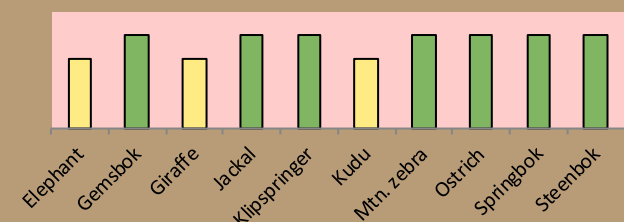
the chart shows the approximate ratio of returns to costs



Management performance in 2016

Category	Performance
1 Adequate staffing	Red
2 Adequate expenditure	Red
3 Audit attendance	Red
4 NR management plan	Green
5 Zonation	Red
6 Leadership	Green
7 Display of material	Green
8 Event Book modules	Green
9 Event Book quality	Green
10 Compliance	Red
11 Game census	Red
12 Reporting & adaptive m/ment	Green
13 Law enforcement	Green
14 Human Wildlife Conflict	Red
15 Harvesting management	Red
16 Sources of NR income	Red
17 Benefits produced	Red
18 Resource trends	Red
19 Resource targets	Red

Wildlife status summary in 2016



Key to the status barometer

Wildlife status

extinct very rare rare uncommon common abundant



Management performance & other data

weak/bad reasonable good

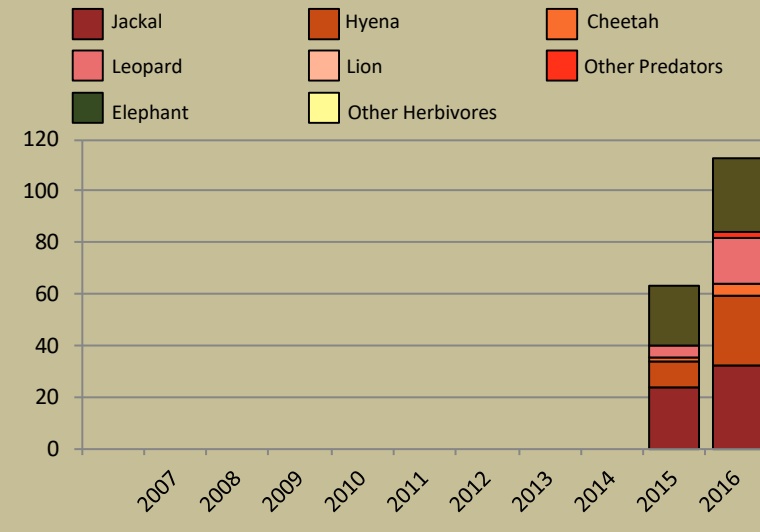
Success/threat flags

- ▲ success/benefit created
- ▼ weakness/action needed

Human wildlife conflict

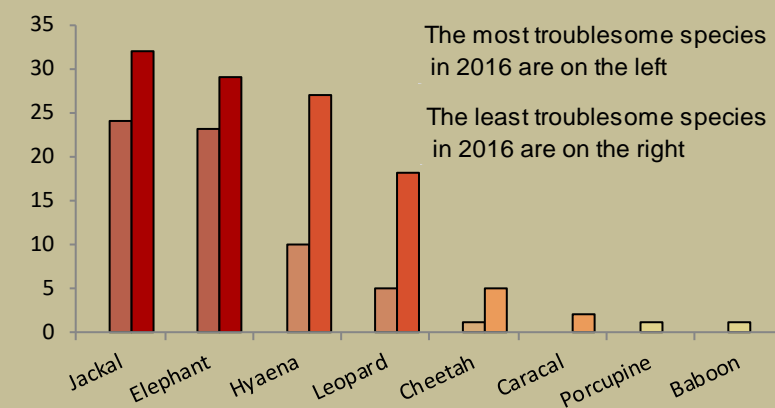
Human wildlife conflict trend

the chart shows the total number of incidents each year, subdivided by species, grouped as herbivores and predators



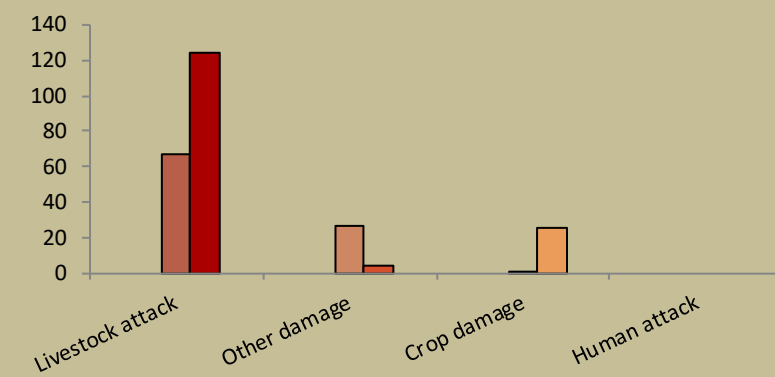
Most troublesome problem animals 2014-2016

the chart shows the number of incidents per species for the last 3 years; the darkest bar (on the right) indicates the current year for each species



Type of damage by problem animals 2014-2016

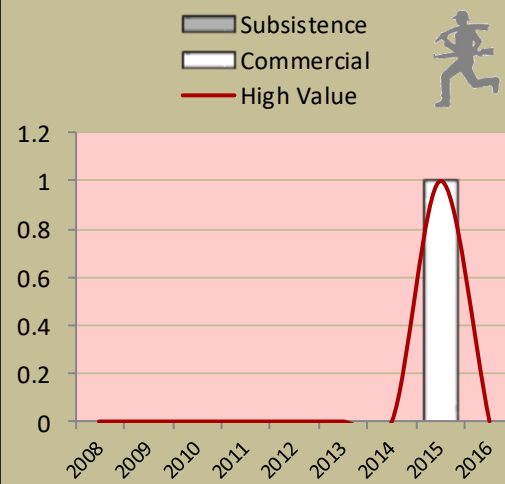
the chart shows the number of incidents per category for the last 3 years; the darkest bar (on the right) indicates the current year for each type



Poaching

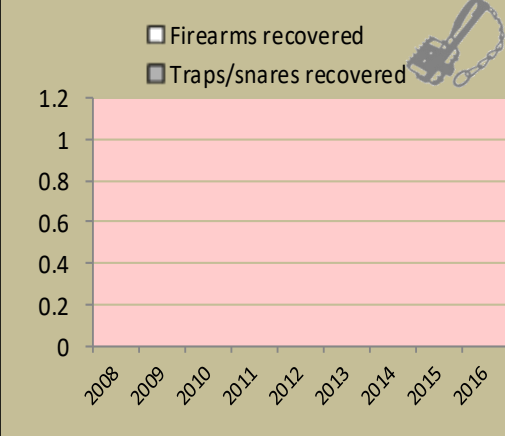
Number of incidents per year

Commercial poaching is a serious threat to conservancy benefits. The chart shows the number of incidents per category



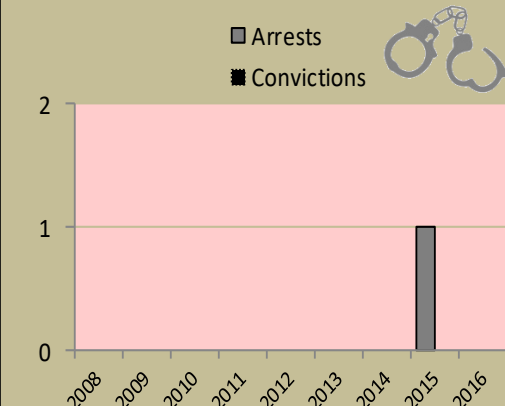
Traps and firearms recovered

number of incidents per category



Arrests and convictions

number of incidents per category



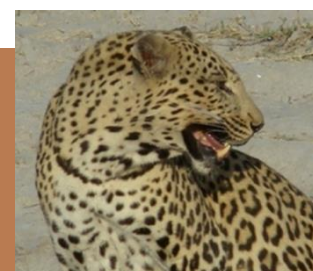
Wildlife removals – quota use and value

Species	Quota 2016			Animals actually used in 2016					Potential Trophy Value N\$	Potential Other use Value N\$	
	Total	Trophy	Other Use	Trophy	Own Use & Premium	Shoot & Sell	Capture & Sale	Problem Animal			Total Use
Baboon	2	2								700	
Cheetah	1	1								16,300	
Gemsbok	2		2								2,160
Jackal	3	3								700	
Klipspringer	1	1								6,600	
Kudu*	7	1	6							8,100	29,100
Leopard	1	1								32,400	
Ostrich	5	1	4							2,400	600
Springbok	5	2	3							2,900	520

Potential value estimates (N\$) for species are based on:

- **Potential trophy value** - the average trophy value for that species in the conservancy landscape - trophy values vary depending on trophy quality, international recognition of the hunting operator and the hunting area
- **Potential other use value** - the average meat value for common species - the average live sale value of each high value species (indicated with an *) [high value species are never used for meat]

Conservancies reduce environmental costs while increasing environmental returns. Returns from wildlife can far outweigh human wildlife conflict costs.



monitoring numbers and trends for a healthy conservancy...

Current wildlife numbers and status

Species	Animals Seen 2016	Estimated population range	Wildlife Status		
			Count Trend	National Guideline	Desired Status
Elephant				Yellow	
Gemsbok				Green	
Giraffe				Yellow	
Jackal				Green	
Klipspringer				Green	
Kudu				Yellow	
Mtn. zebra				Green	
Ostrich				Green	
Springbok				Green	
Steenbok				Green	

Wildlife Status

Count trend – gives the species status in the conservancy based on game count trend data.

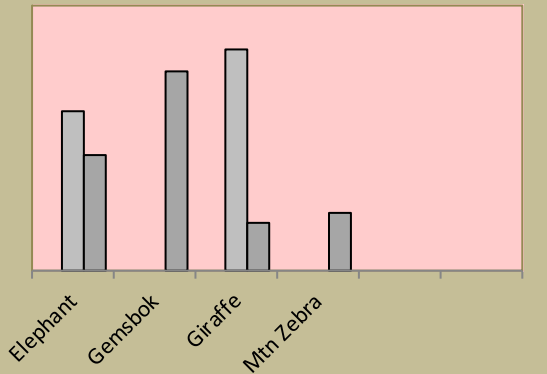
National guideline – gives the species status in the conservancy using national guidelines for the conservancy; for example, lions may cause local problems, but are of high value and are rare at landscape level.

Desired number – gives the species status in the conservancy based on what the conservancy would like to have.

dark green (abundant) – there should be less;
light green (common) – the desired number is reached;
yellow (uncommon) – there should be more;
light orange (rare) – there should be more than double;
dark orange (very rare) – there should be more than triple;
red (extinct) – the species needs to be reintroduced.

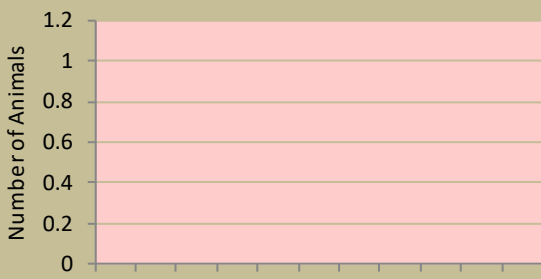
Locally rare species

Sightings indicator □ 2014 □ 2015 □ 2016

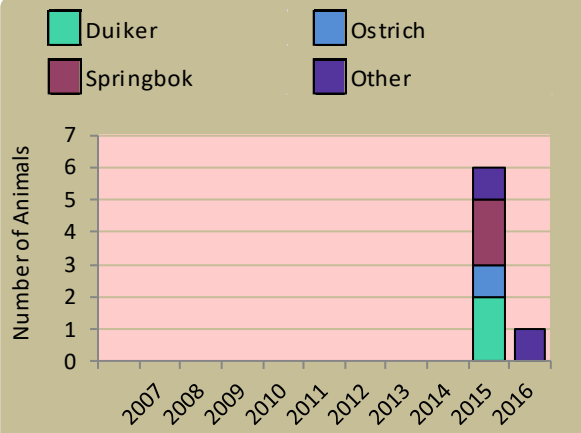


Locally rare and endangered species are not found very often in the conservancy and need special conservation attention.

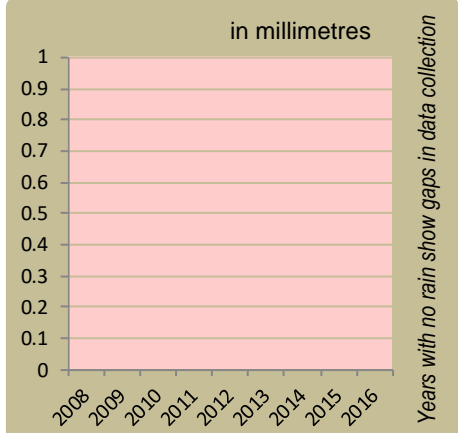
Wildlife introductions



Wildlife mortalities

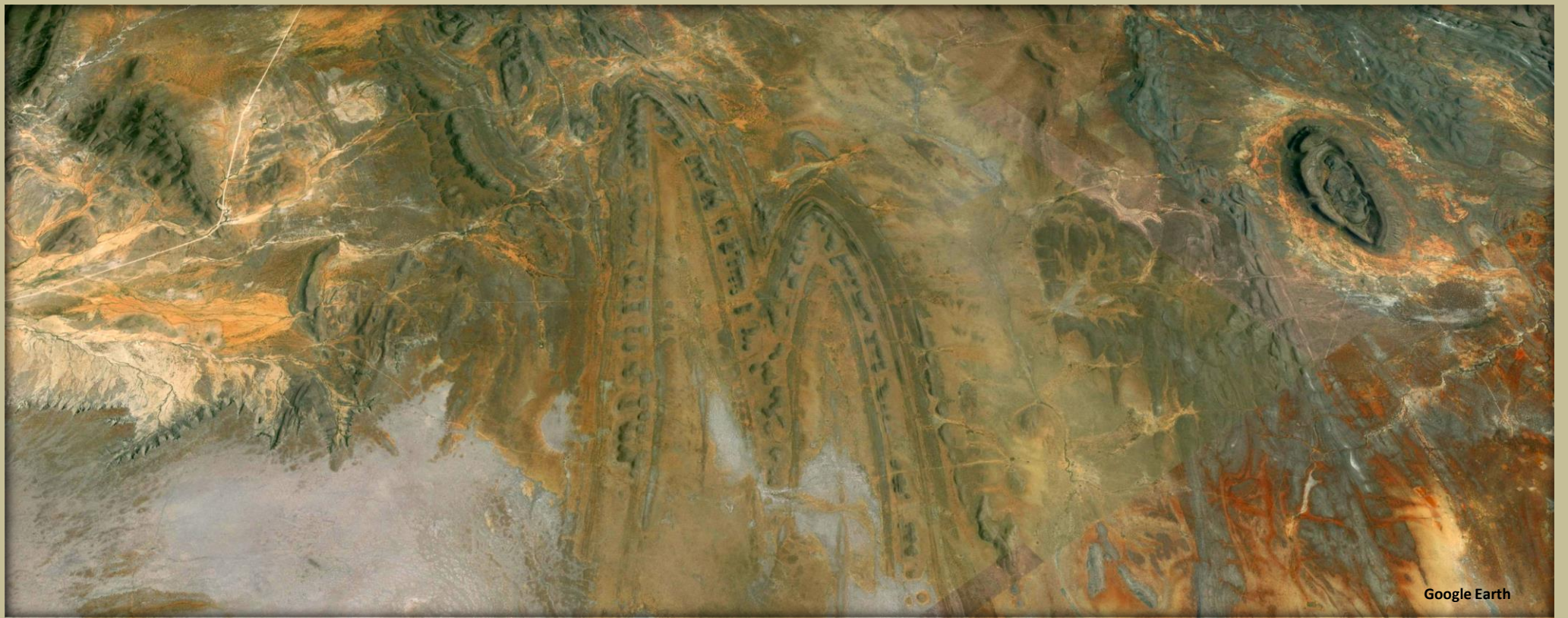


Annual rainfall



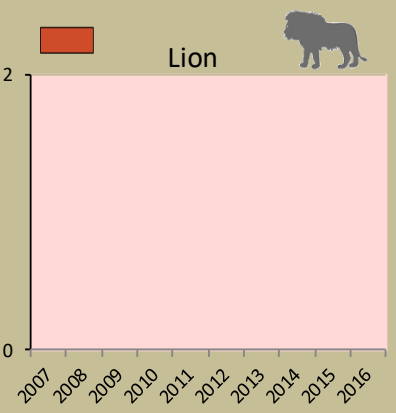
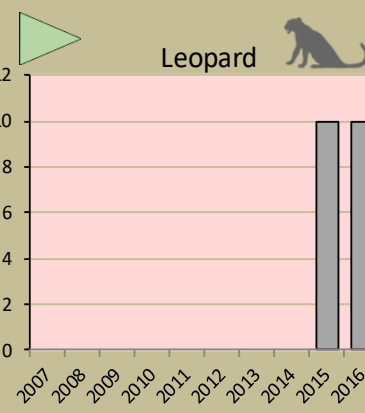
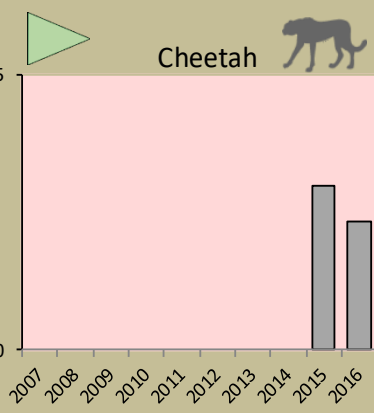
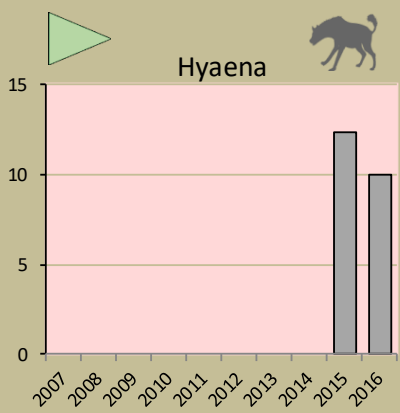
Annual game count

No count done



Predator monitoring

charts show the average number of animals seen per Event Book each year status barometers reflect the general sightings trend over the last 5 years

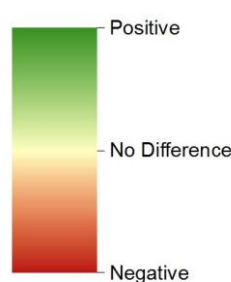
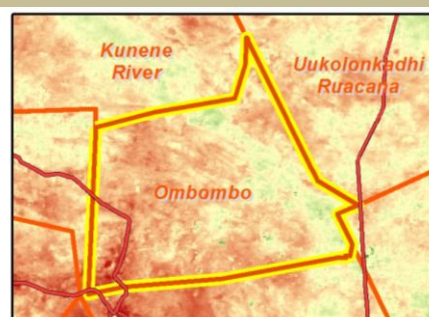
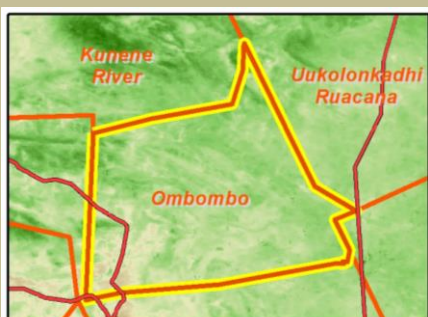
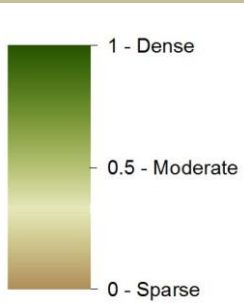


Vegetation monitoring

Green vegetation index (NDVI). Maps show vegetation cover during Feb-April of the current year and the difference between the current year and the long term average (2001-2015)

NDVI (Feb-Apr) 2016

(NDVI Feb-Apr, 2016) - (LT Average Feb-Apr)



By using all the available information and adapting and improving activities, threats such as human wildlife conflict, poaching and other issues can be minimised.



Enabling wise conservancy governance...

Conservancy statistics

Date Registered:	October 2014
Population (2011 census):	2450
Size (square kilometres):	1487

Conservancy Governance

Number of management committee members:	9
Date of last AGM:	
Attendance at AGM:	Men: ; Women:
Date of next AGM:	
Other important issues	
Budget approved?	✗
Work plan approved?	✗

Constitutional adherence

Approved constitution	✓
AGM held	✗
Management and utilisation plan	✗
Financial annual report approved at AGM	✗
Financial report external review	✗
Benefit distribution plan	✗



Employment

Conservancy staff: Male	9
Female	0
Community game guards:	9
Community resource monitors:	0
Lodge staff: Male	0
Female	0

Benefits

Cash	In Kind

Conservancy Self Evaluation

How well does the conservancy consider it has performed in the past year?

Effectiveness of implementation	Poor	Fair	Good	Explanation of effectiveness rating
Game Management and Utilisation				
Zonation Plan				
Benefit Distribution				
Human Wildlife Conflict Management				Most people don't herd their livestock.
Sustainable Business and Financial Planning				
Tourism				
Staff Management				Need financial training.
Assets Management/Register				
HIV/AIDS				Not everyone shows interest.
Communication				Not very effective