# maximising wildlife returns by minimising threats...

Summarv

### **Conservancy status summary**

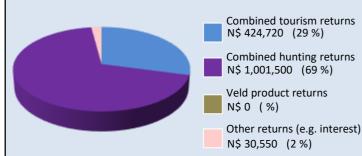
Returns from natural resources in 2017

Conservancy

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

### Approximate Total Returns N\$ 1,456,770

20



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

Total conflict cost estimate

Conservancy	income		N\$ 1,456,770
	Private Sector		
Employment	Conservancy	21 staff	N\$ 527,280

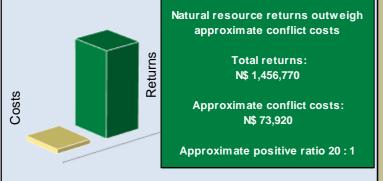
### Cost of natural resource conflicts in 2017

e	stimates are based on average national values	
	Estimated human wildlife conflict cost	N\$ 73,920
	Estimated poached high value species loss	N\$ 0

N\$ 73,920

### Natural resource cost-return ratio in 2017

the chart shows the approximate ratio of returns to costs



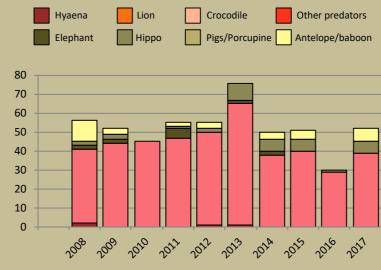
### Management performance in 2017

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

## 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



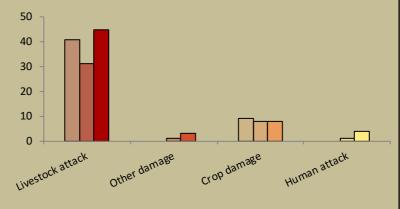
### Most troublesome problem animals 2015-2017

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



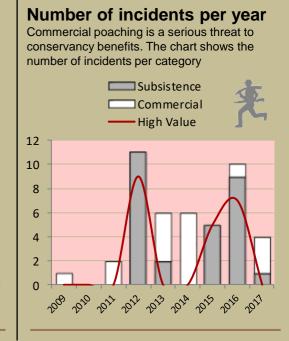
### Type of damage by problem animals 2015-2017

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

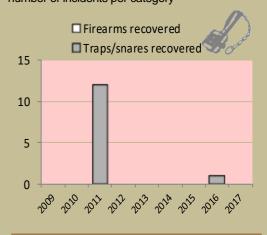


## Poaching

Natural Resource



#### Traps and firearms recovered number of incidents per category



### Arrests and convictions

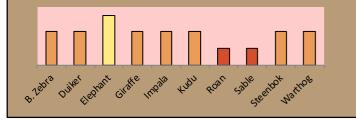
number of incidents per category



## Wildlife removals – quota use and value

		Quota 201	17	Animals actually used in 2017				Animals actually used in 2017			
Species	Total	Trophy	Other Use	Trophy	Own Use & Premium	Shoot & Sell	Capture & Sale	Problem Animal	Total Use	Trophy Value N\$	Potential Other use Value N\$
Buffalo	15	10	5	10	4				15	74,000	6,600
Crocodile	2	2		1					1	26,200	
Elephant*	6	2	4							210,000	360,000
Нірро	7	4	3	3					4	36,000	6,600
Lechwe	2	2								18,700	

### Wildlife status summary in 2017



#### 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]

### Key to the status barometer





## monitoring numbers and trends for a healthy conservancy...

### Current wildlife numbers and status

	Animals		Wildlife Status					
Species	Seen	Estimate*	Count Trend	Landscape Status	Desired Number			
B. Zebra								
Duiker								
Elephant								
Giraffe								
Impala								
Kudu								
Roan								
Sable								
Steenbok								
Warthog								

#### Wildlife Status

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

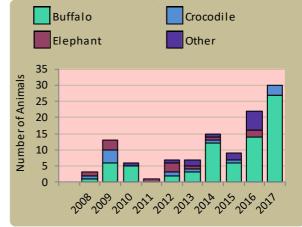
Landscape status- gives the species status in the focal landscape; for example, lions may cause local problems, but are of high value and may be rare at landscape level.

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

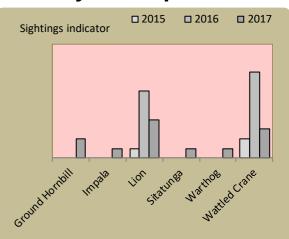
dark green (abundant) - there should be less; light green (common) - the desired number is reached; yellow (uncommon) - there should be more; light orange (rare) - there should be more than double; dark orange (very rare) - there should be more than triple; red (extinct) - the species needs to be reintroduced.

\* Estimates are for the focal conservancy and neighbouring conservancies combined

## Wildlife mortalities

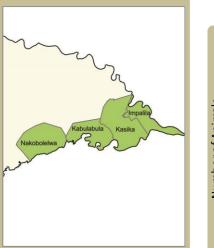


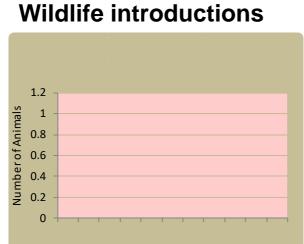
Locally rare species



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

Annual rainfall





800 700 600 500 400 300 200

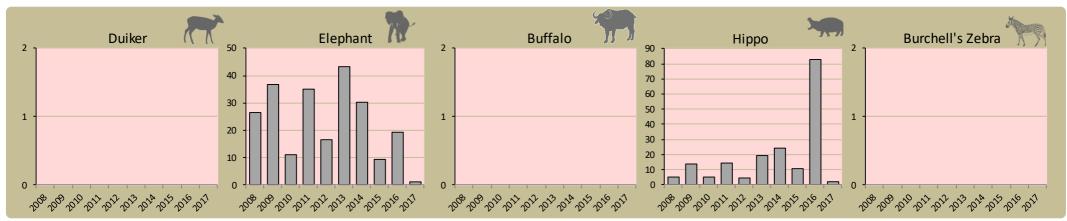
900

100

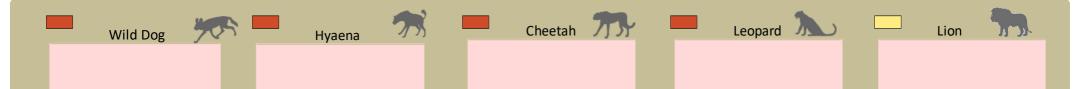
0

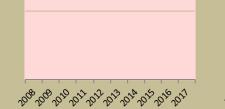
in millimetres Years with no rain show gaps in data collection 2082012012012012012012012012012012

#### **Fixed route patrols** charts show the number of sightings of each species per fixed route foot patrol each year

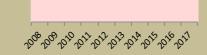


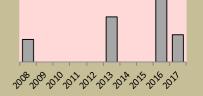
**Predator monitoring** charts show the average number of animals seen per Event Book each year status barometers reflect the general sightings trend over the last 5 years







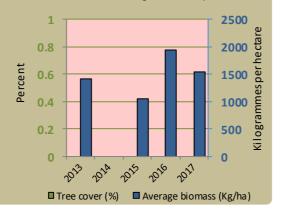




## **Vegetation monitoring**

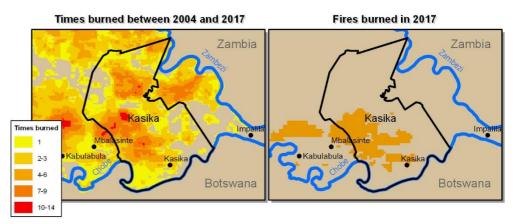
Change in bush cover since monitoring began

Percent tree cover / average biomass per hectare



Plots with more bush Plots with same bush Plots with less bush

## **Fire monitoring**





Wildlife provides a wide range of benefits. Some wildlife can cause conflicts, but all wildlife is of value to tourism, trophy hunting and a healthy environment.



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



## Kasika Institutional Report

## Enabling wise conservancy governance...

## **Conservancy Statistics**

Date Registered:	December 2005
Population (2011 census):	1130
Size (square kilometres):	147

### **Conservancy Governance**

Men: 8; Women: 5
Wed, December 13, 2017
Men: 31; Women: 85
Tue, November 27, 2018
✓
✓
✓
✓

## **Key Compliance Requirements**

Was an AGM held?	<b>√</b>
Were elections held?	*
Is there a Benefit Distribution Plan?	<b>v</b>
Is there a Game Management and Utilisation Plan?	*
Was an Annual Financial Report produced?	<b>V</b>



### Employment

Conservancy staff: Male	9
Female	12
Community game guards:	5
Community resource monitors:	5
Lodge staff: Male	0
Female	0

## **Benefits**

Cash	In Kind
Cash Benefits	Cash Benefits
Traditional Authority	
Funeral Assistance	
Community Projects	
Haccis	
Hwc Offset	

**Conservancy Self Evaluation** How well does the conservancy consider it has performed in the past year?

Effectiveness of implementation	Poor	Fair	Good	Prev. Year	Explanation of effectiveness rating
Game Management and Utilisation					Conducted most of the activities
Zonation Plan					Not all activities were conducted
Benefit Distribution					Distribution was done as per the BDP
Human Wildlife Conflict Management					Some plans have not yet been implemented
Sustainable Business and Financial Planning					Increase in both income and benefits to members
Tourism					Implementation was effective
Staff Management					Monitoring and supervision was done
Assets Management/Register					Need to buy more assets to improve the management
HIV/AIDS					No responsible person and not enough effort made
Communication					Built relationship with private sector and stakeholders