maximising wildlife returns by minimising threats...

Conservancy status summary

Returns from natural resources in 2014.
The chart shows the main sources of returns and values and their percentage of the total returns.

Approximate Total Returns N$ 3,137,000

Combined tourism returns N$ 1,551,600 (81 %)
Combined hunting returns N$ 585,400 (19 %)
Wildlife product returns N$ 0 (%)
Other returns (e.g. interest) N$ 0 (%)

Two of the most significant returns for the conservancy:
1. Cash income to the conservancy to cover running costs and invest in developments
2. Employment to conservancy residents

Conservancy income N$ 552,000

Employment

Private Sector 119 staff N$ 2,002,400
Conservancy 20 staff N$ 229,870

Cost of natural resource conflicts in 2014.
Estimates are based on average national values.

Estimated human wildlife conflict cost N$ 62,830
Estimated poached high value species loss N$ 0
Total conflict cost estimate N$ 62,830

Natural resource cost–return ratio in 2014.
The chart shows the approximate ratio of returns to costs.

Natural resource returns outweigh approximate conflict costs.
Approximate Total Returns N$ 3,137,000
Approximate conflict costs: N$ 62,830
Approximate positive ratio 50:1

Management performance in 2015.

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 | 

Wildlife status in 2015.

Wildlife status | Success/threat flags
--- | ---
Abundant | Good
Common | Reasonable
Uncommon | Weak
Rare | Very rare
Extinct | Extinct

Key to the status barometer.

Management performance & other data.

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

The most troublesome problem animals 2013-2015.
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 species.

Wildlife removals – quota use and value.

Species | Quota 2015 | Potential Other use N$ | Potential Trophy Value N$ | Animals actually used in 2015 | Total Use |
--- | --- | --- | --- | --- | ---
Buffalo | 11 | 7 | 4 | 6 | 3 | 10 | 76,620 | 5,500 |
Crocodylus | 5 | 3 | 2 | 1 | 3 | 3 | 204,320 | 63,600 |
Elephant | 5 | 3 | 2 | 1 | 4 | 4 | 25,540 | 5,500 |
Hippo | 5 | 3 | 2 | 1 | 4 | 4 | 25,540 | 5,500 |

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

Current wildlife numbers and status

<table>
<thead>
<tr>
<th>Species</th>
<th>Animals Seen</th>
<th>Estimate</th>
<th>Wildlife Status</th>
<th>Count Trend</th>
<th>National Guideline</th>
<th>Desired Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Zebra</td>
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<tr>
<td>Duiker</td>
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<tr>
<td>Elephant</td>
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<td>Giraffe</td>
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<td>Impala</td>
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<td>Kudu</td>
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<td>Roan</td>
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<td>Sabie</td>
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<td>Steenbok</td>
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<tr>
<td>Warthog</td>
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</tbody>
</table>

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

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

Annual rainfall

Years with no rain show gaps in data collection in millimetres

Wildlife introductions

Fixed route patrols

charts show the number of sightings of each species per fixed route foot patrol each year

Wildlife mortalities

Predator monitoring

charts show the average number of animals seen per Event Book each year

Vegetation monitoring

Percent tree cover / average biomass per hectare

Fire monitoring

Times burned between 2009 and 2015

Fires burned in 2015

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. 

Fire monitoring

Times burned between 2009 and 2015

Fires burned in 2015
Enabling wise conservancy governance...

Conservancy statistics

Date Registered: December 2005
Members: 914
Size (square kilometres): 147

Constitutional adherence

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

Conservancy Governance

Number of management committee members: 13
Date of last AGM: Mon, November 23, 2015
Attendance at AGM: Men: 69; Women: 100
Date of next AGM: Fri, November 25, 2016

Other important issues
- Financial report approved? ✓
- Budget approved? ✓
- Work plan approved? ✓

Employment

Conservancy staff: Male 12
         Female 7
Community game guards: 7
Community resource monitors: 1
Lodge staff: Male 0
                        Female 0

Benefits

Meat Distribution - Members

Conservancy Self Evaluation

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

<table>
<thead>
<tr>
<th>Effectiveness of implementation</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Explanation of effectiveness rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Game Utilisation and Management Plan</td>
<td></td>
<td></td>
<td></td>
<td>Still cases of poaching and some outsiders disturbing wildlife</td>
</tr>
<tr>
<td>Zonation Plan</td>
<td></td>
<td></td>
<td></td>
<td>Hunting and tourism conflicts, zones re-allocation.</td>
</tr>
<tr>
<td>Natural Resource Plan</td>
<td></td>
<td></td>
<td></td>
<td>Intensive monitoring of our natural resources still required.</td>
</tr>
<tr>
<td>Human Wildlife Conflict Plan</td>
<td></td>
<td></td>
<td>✓</td>
<td>Plan effectively implemented.</td>
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<tr>
<td>Tourism Plan</td>
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<tr>
<td>Sustainable Financial Plan</td>
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<tr>
<td>Benefit Distribution Plan</td>
<td></td>
<td></td>
<td></td>
<td>Members supporting the idea of investing their monies in projects - i.e the planned hostel.</td>
</tr>
<tr>
<td>Staff Plan</td>
<td></td>
<td></td>
<td>✓</td>
<td>Staff implementing the policy and effective implementation of activities.</td>
</tr>
<tr>
<td>Assets Plan</td>
<td></td>
<td></td>
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<td>Need to improve the asset management</td>
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<tr>
<td>HIV/AIDS Plan</td>
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<tr>
<td>Communication Plan</td>
<td></td>
<td></td>
<td>✓</td>
<td>Members receive information on conservancy activities</td>
</tr>
</tbody>
</table>