

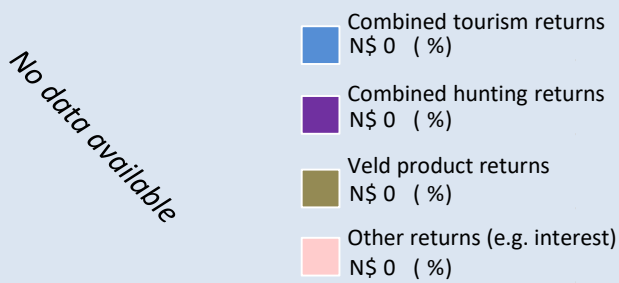
maximising wildlife returns by minimising threats...

## Conservancy status summary

### Returns from natural resources in 2017

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

Approximate Total Returns N\$



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    |     |

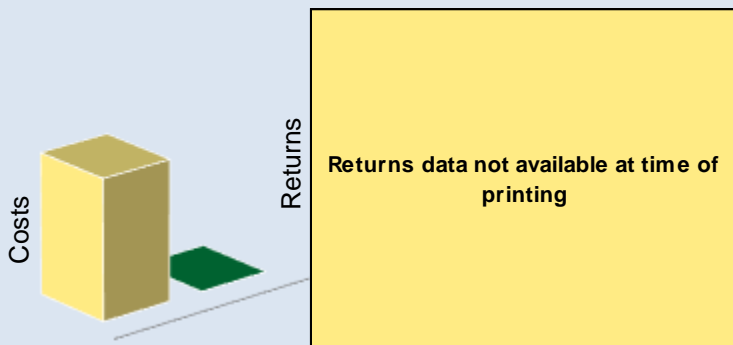
### Cost of natural resource conflicts in 2017

estimates are based on average national values

|   |                    |
|---|--------------------|
| Estimated human wildlife conflict cost    | N\$ 234,750        |
| Estimated poached high value species loss | N\$ 0              |
| <b>Total conflict cost estimate</b>       | <b>N\$ 234,750</b> |

### Natural resource cost-return ratio in 2017

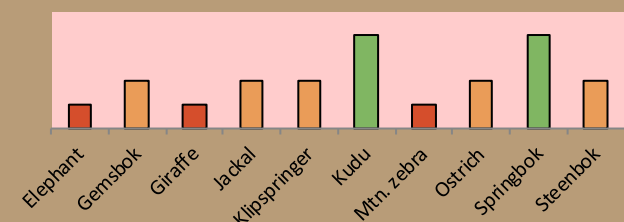
the chart shows the approximate ratio of returns to costs



### 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            |             |

### Wildlife status summary in 2017



## Key to the status barometer

#### Wildlife status

extinct very rare rare uncommon common abundant



#### Management performance & other data

weak/bad reasonable good

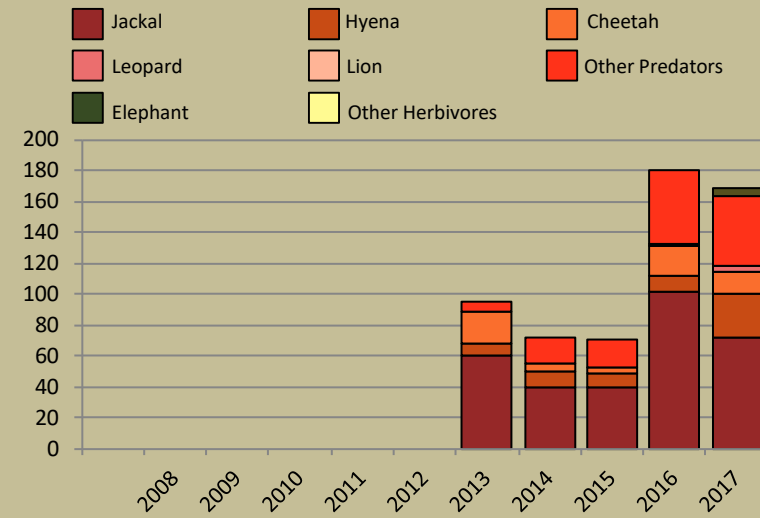
#### Success/threat flags

- success/benefit created
- weakness/action needed

## Human wildlife conflict

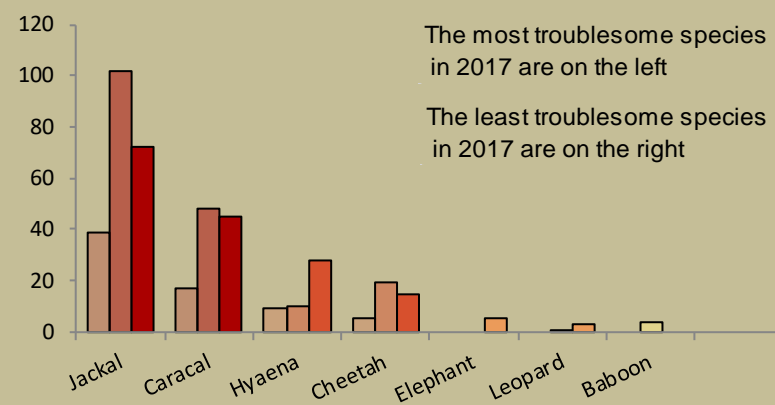
### Human wildlife conflict trend

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



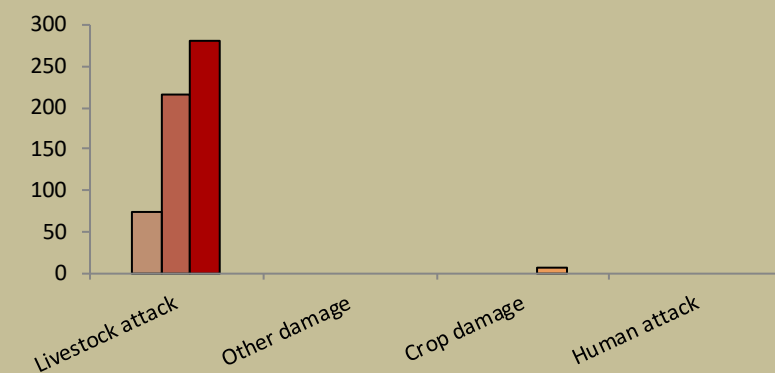
### Most troublesome problem animals 2015-2017

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

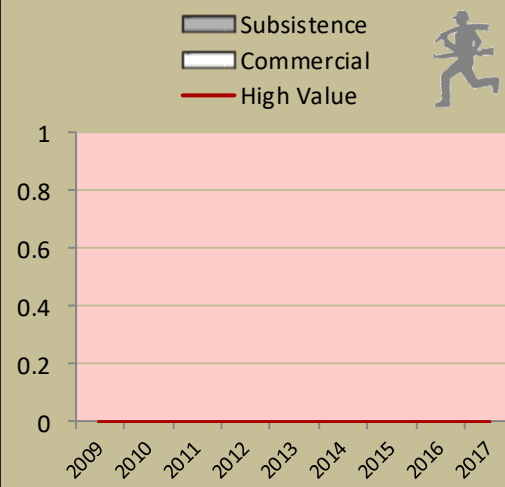
the chart shows the number of incidents per category for the last 3 years; the darkest bar (on the right) indicates the current year for each type



## Poaching

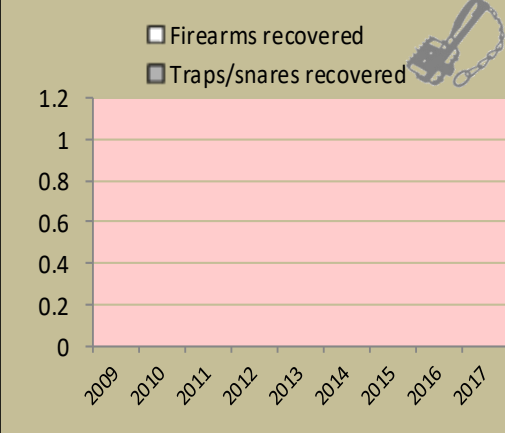
### Number of incidents per year

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



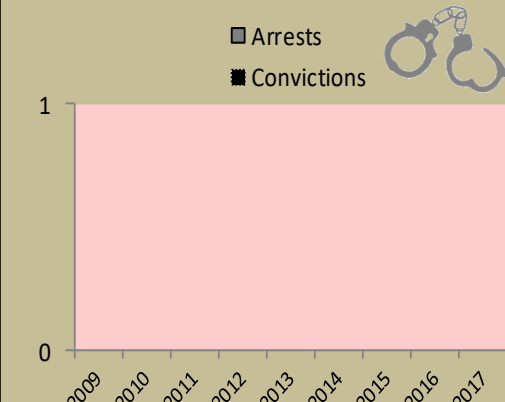
### Traps and firearms recovered

number of incidents per category



### Arrests and convictions

number of incidents per category



## Wildlife removals – quota use and value

| Species      | Quota 2017 |        |           | Animals actually used in 2017 |                   |              |                |                |           | 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       | 3          | 3      |           |                               |                   |              |                |                |           | 600                        |                               |
| Caracal      | 2          | 2      |           |                               |                   |              |                |                |           | 2,400                      |                               |
| Cheetah      | 1          | 1      |           |                               |                   |              |                |                |           | 14,000                     |                               |
| Duiker       | 2          | 2      |           |                               |                   |              |                |                |           | 2,400                      |                               |
| Jackal       | 5          | 5      |           |                               |                   |              |                |                |           | 500                        |                               |
| Klipspringer | 2          | 2      |           |                               |                   |              |                |                |           | 5,200                      |                               |
| Kudu*        | 12         | 3      | 9         |                               | 2                 |              |                |                | 2         | 9,400                      | 69,750                        |
| Ostrich      | 6          | 2      | 4         |                               |                   |              |                |                |           | 2,000                      | 720                           |
| Mtn Zebra    | 5          | 2      | 3         |                               |                   |              |                |                |           | 5,600                      | 3,984                         |

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 2017 | Estimated population range | Wildlife Status |                    |                |
|--------------|-------------------|----------------------------|-----------------|--------------------|----------------|
|              |                   |                            | Count Trend     | National Guideline | Desired Status |
| Elephant     |                   |                            | Dark Orange     | Red                |                |
| Gemsbok      |                   |                            | Dark Orange     | Yellow             |                |
| Giraffe      |                   |                            | Dark Orange     | Dark Orange        |                |
| Jackal       |                   |                            | Dark Orange     | Yellow             |                |
| Klipspringer |                   |                            | Dark Orange     | Yellow             |                |
| Kudu         | 1                 |                            | Light Green     | Yellow             |                |
| Mtn. zebra   |                   |                            | Dark Orange     | Dark Orange        |                |
| Ostrich      |                   |                            | Dark Orange     | Yellow             |                |
| Springbok    | 1                 |                            | Light Green     | Yellow             |                |
| Steenbok     |                   |                            | Dark Orange     | Yellow             |                |

#### Wildlife Status

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

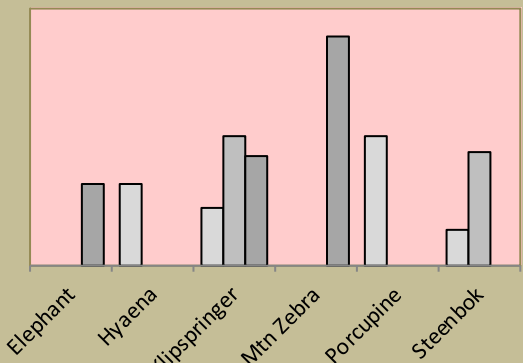
**Landscape status** – gives the species status in the focal landscape; for example, lions may cause local problems, but are of high value and may be rare at landscape level.

**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.

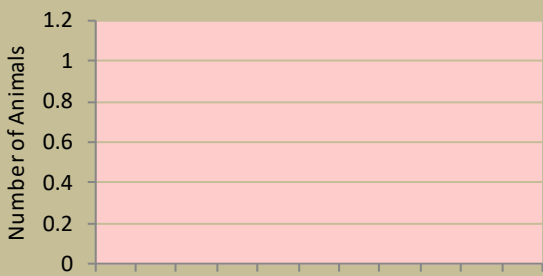
### Locally rare species

Sightings indicator □ 2015 □ 2016 □ 2017

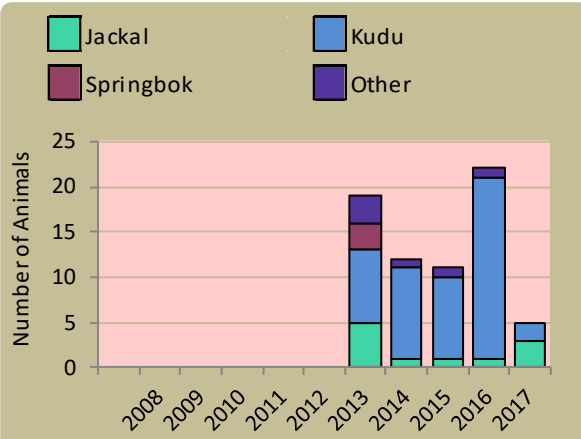


**Locally rare and endangered species** are not found very often in the conservancy and need special conservation attention.

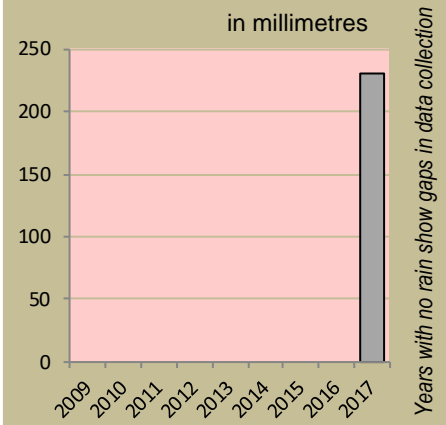
### Wildlife introductions



### Wildlife mortalities

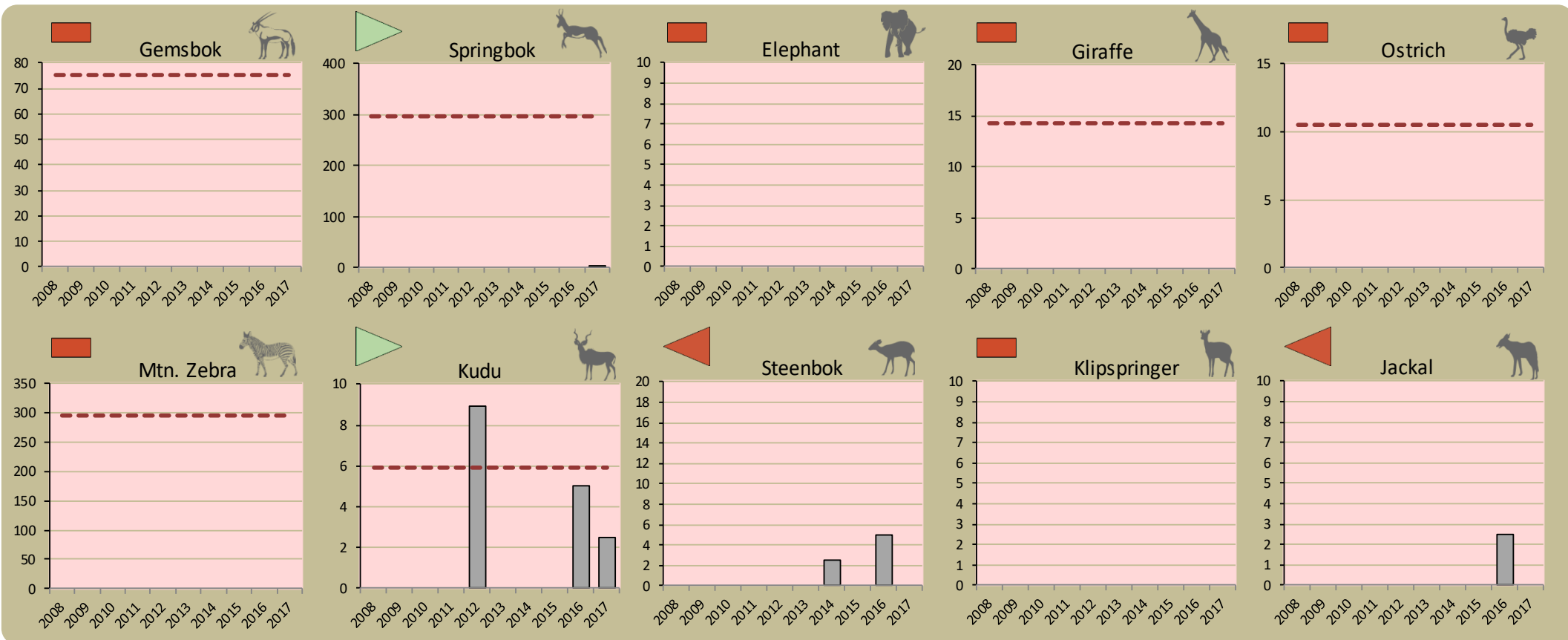


### Annual rainfall



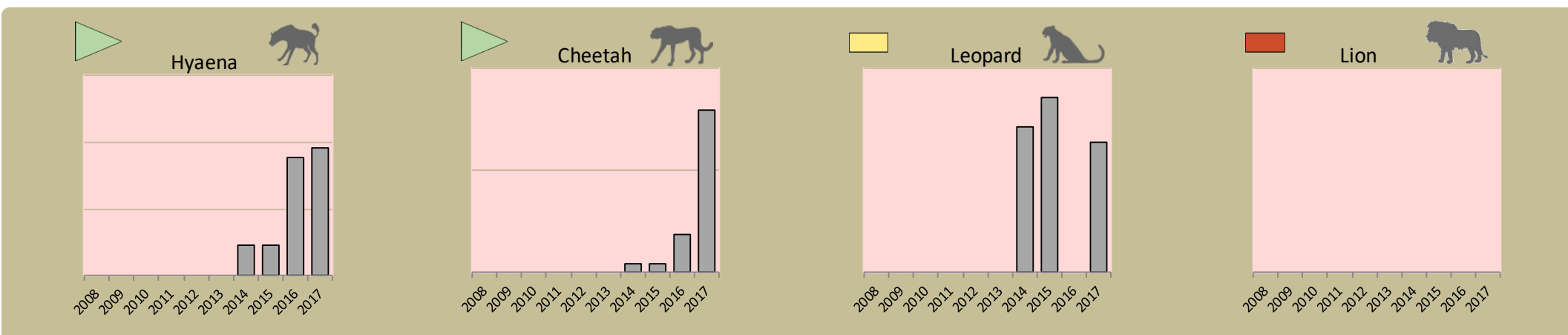
### Annual game count

Charts show the number of animals seen each year per 100 km driven during the game count. As a point of reference the dashed horizontal line represents the combined 10 year average in Palmwag and Etendeka concessions. Status barometers reflect the general count trend over the last 5 years



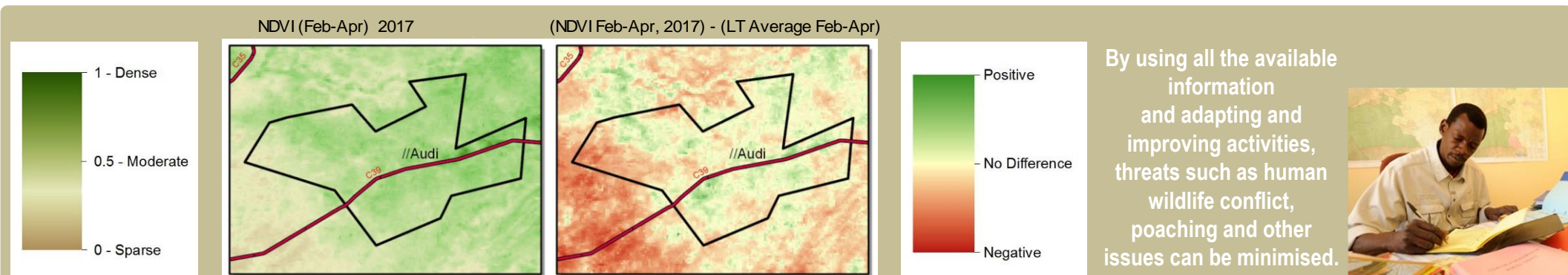
### Predator monitoring

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 (2001-2016)



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

|                                  |              |
|----------------------------------|--------------|
| <b>Date Registered:</b>          | October 2006 |
| <b>Population (2011 census):</b> | 590          |
| <b>Size (square kilometres):</b> | 335          |

### Conservancy Governance

|  |               |
|--|---------------|
| <b>Number of management committee members:</b> | Men: ; Women: |
| <b>Date of last AGM:</b>                       |               |
| <b>Attendance at AGM:</b>                      | Men: ; Women: |
| <b>Date of next AGM:</b>                       |               |
| <b>Other important issues</b>                  |               |
| Financial report approved?                     | ✘             |
| Budget approved?                               | ✘             |
| Work plan approved?                            | ✘             |
| Chairperson's report approved?                 | ✘             |

### Key Compliance Requirements

|   |   |
|---|---|
| <b>Was an AGM held?</b>                                 | ✘ |
| <b>Were elections held?</b>                             | ✘ |
| <b>Is there a Benefit Distribution Plan?</b>            | ✘ |
| <b>Is there a Game Management and Utilisation Plan?</b> | ✘ |
| <b>Was an Annual Financial Report produced?</b>         | ✘ |



### Employment

|                                     |   |
|-------------------------------------|---|
| <b>Conservancy staff: Male</b>      | 5 |
| <b>Female</b>                       | 2 |
| <b>Community game guards:</b>       | 5 |
| <b>Community resource monitors:</b> | 2 |
| <b>Lodge staff: Male</b>            | 0 |
| <b>Female</b>                       | 0 |

### Benefits

| Cash | In Kind                     |
|------|-----------------------------|
|      | Meat Distribution (2 Kudus) |

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

| <i>Effectiveness of implementation</i>             | <i>Poor</i> | <i>Fair</i> | <i>Good</i> | <i>Prev. Year</i> | <i>Explanation of effectiveness rating</i>             |
|--|-------------|-------------|-------------|-------------------|--|
| <b>Game Management and Utilisation</b>             |             |             |             |                   | No payment for game guards                             |
| <b>Zonation Plan</b>                               |             |             |             |                   | No zonation plan in place                              |
| <b>Benefit Distribution</b>                        |             |             |             |                   | Could not find animals to hunt                         |
| <b>Human Wildlife Conflict Management</b>          |             |             |             |                   | Implementation was successful                          |
| <b>Sustainable Business and Financial Planning</b> |             |             |             |                   | No SBF Plan in place                                   |
| <b>Tourism</b>                                     |             |             |             |                   | Have a hunting contract but no hunting has taken place |
| <b>Staff Management</b>                            |             |             |             |                   | Implementation was successful                          |
| <b>Assets Management/Register</b>                  |             |             |             |                   | No financial benefits                                  |
| <b>HIV/AIDS</b>                                    |             |             |             |                   | No support from NGOs or governmental institutions      |
| <b>Communication</b>                               |             |             |             |                   | Implementation was effective                           |