



ENDANGERED
WILDLIFE TRUST

www.ewt.org.za



The Eskom-EWT Strategic Partnership

16 years of successful integrated environmental management

Master Class on Managing the Impact of Wind
Power Development on Birds and Bats

Video Conference World Bank Offices, Pretoria

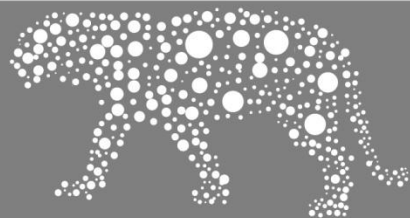
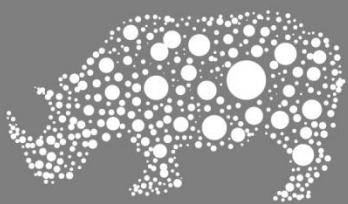
1 November 2012

CONSERVATION IN ACTION



Who are we?

- The Endangered Wildlife Trust was established in 1973.
- We are dedicated to conserving threatened species and ecosystems in southern Africa through applied field-work, research and direct engagement with stakeholders.
- We focus on identifying the key factors threatening biodiversity and develop mitigating measures and best practice guidelines to reduce these.
- Specialist programmes collectively coordinate around 80 projects throughout southern Africa



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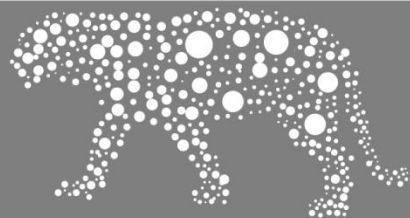
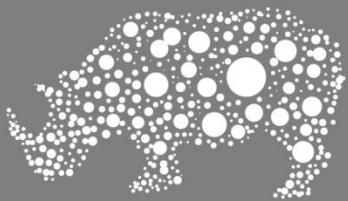
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The Wildlife & Energy Programme

Energy and communications infrastructure represent an important interface for interaction between people and wildlife. The EWT-WEP is at the forefront of managing these interactions to the benefit of both wildlife and industry.

Long standing Strategic Partnership with Eskom

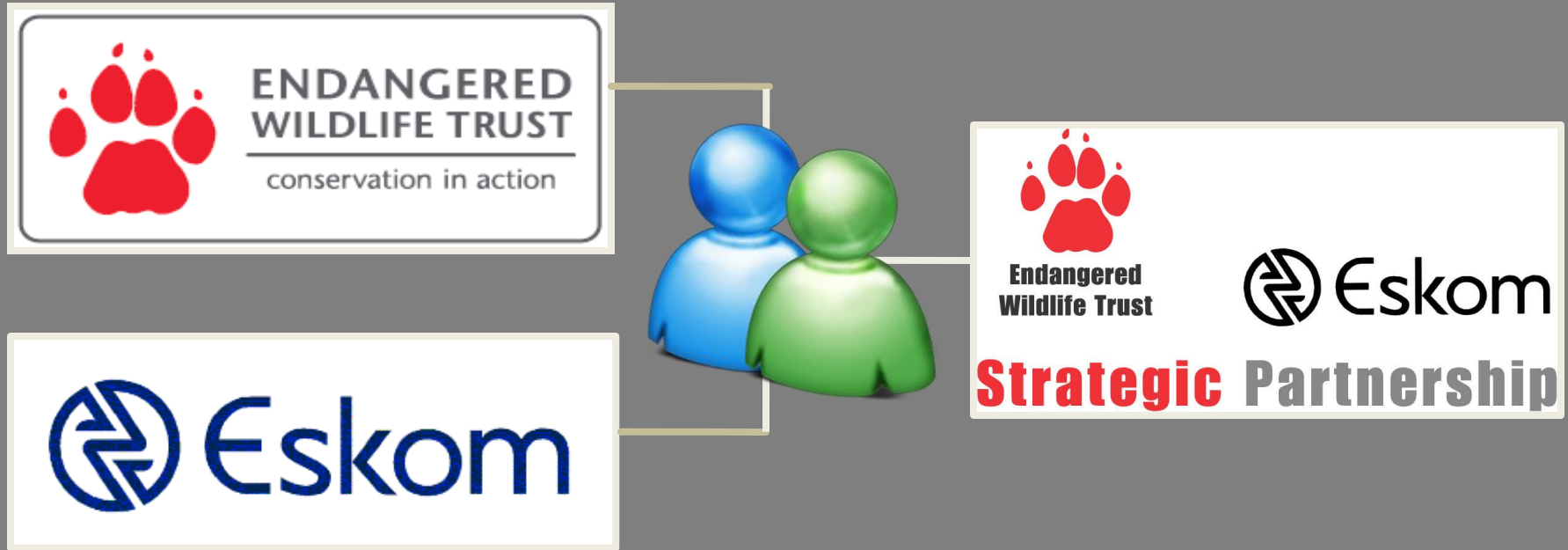
Play a leading role in the assessment & mitigation of impacts associated with renewable energy developments



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Where it all began...













Unique partnership between conservationists & industry

Spirit of mutual trust and cooperation

Integration of engineering & ornithological skills to
develop & implement solutions

What are the Impacts?

Impact	Biodiversity	Electrical Network
Bird Collisions		
Bird & Mammal Electrocutions		
Disturbance & Habitat Transformation		
Nesting		
Streamer & Pollution Induced Faulting		

Partnership Activities

Implementation of a national
wildlife mortality incident
register

A research programme

Input into design and mitigation
of new lines

A capacity building programme
within Eskom.



National wildlife mortality register

- Responsible for approx. 330 000kms of power line
- Reports from Eskom, landowners, EWT fieldworkers & a network of volunteers
- Field investigations to inform recommendations to Eskom
- Incorporated into the Eskom environmental KPI
- Useful tool to track year on year trends

Research

Long term fixed site monitoring

Karoo & Overberg

Experimental assessment of mitigation

Ludwig's Bustard

Vision Studies

Mortality Rates

Movement Studies using satellite telemetry

Large Mammal Impacts

Camera Trap research in the Kruger National Park

Understanding Vultures Core Use Areas

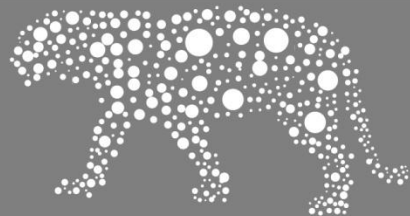
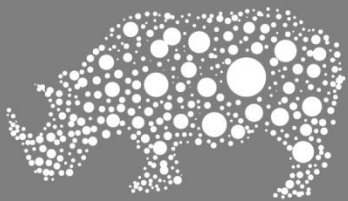
Eastern Cape (NMMU)

Magaliesburg



Input into design and mitigation of new lines

- Providing specialist avifaunal input into:
 - Strategic Environmental Assessments
 - Environmental Impact Assessments
 - Scoping
 - EIA
 - EMP
- Consideration of alternatives - ensure correct routing
- Provision of mitigation recommendations
- Assist with the internal screening process for new distribution infrastructure



Training & Skills Transfer

Bird & Mammal Interactions
Dangerous Game
Road Safety
Reptiles
Scorpions, Spiders and Bees

Live Snake & Bird Displays



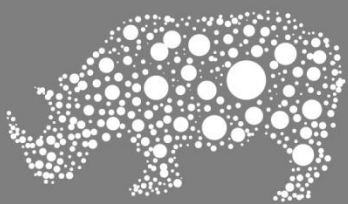
Continual Engagement with Eskom

EWT is represented at each of the following forums:

- Eskom NGO Forum
- Transmission Environmental & Operations Forum
- Distribution Environmental Action Committee
- Envirotech

Advocacy

- Conference participation
- Zero Harm Campaigns
- Field Services Days
- Lessons Learnt Publications
- WEP Newsletter



How Does Our Partnership Rate?



- After 16 years we remain a world leader in wildlife:power line interactions



- Development of biodiversity policy and standard
- Reactive mitigation process is working well



- Increase in the number of mortality reports received from the business

So is there room for improvement?

- Providing input into Eskom's generation plants
- Providing specialist input with regards to renewables
- Large scale retrofitting programmes
- Implementation of research findings and recommendations
- Innovative thinking with regards to mitigation devices

“No matter how good you get you can always get better, and that's the exciting part.”

Tiger Woods



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