



# AVISENSE CONSULTING

## COMPANY PROFILE

### **AVISENSE Consulting cc**

<b>Registration number:</b>	2009/172300/23
<b>Owner/Director:</b>	Andrew Jenkins PhD; Pr, Sci, Nat, Zoology, Ecology 400117/14
<b>VAT:</b>	Certified exempt micro-enterprise
<b>BBBEE:</b>	EME Level 4 contributor with 100% procurement recognition

*AVISENSE* Consulting is owned and run by Andrew Jenkins. Andrew has been doing bird impact assessment work in Southern Africa for over 20 years, and also has a strong background in academic research. He is a founding member of the Birds & Renewable Energy Specialist Group (convened by BirdLife South Africa and the EWT), and is an Honorary Research Associate at the University of Cape Town. *AVISENSE* offers expert, bird-related information and advice to environmental consultancies, commercial and industrial ventures, and private individuals. Close collaborators include Johan du Plessis (Du Plessis Environmental Consulting) and Grant Benn (Geocline Consulting).

### **Why retain the services of *AVISENSE* Consulting?**

*AVISENSE* boasts the most expert and experienced team of specialist ornithologists currently doing impact assessment work in South Africa. We combine knowledge and insight gleaned from years of fieldwork, with a strong background in academic research and a young, smart, keen-eyed and energetic team of observers. With these attributes, we offer prospective clients supreme levels of service, in which comprehensive and accurate avifaunal data are collected, analysed and presented in concise, readable but thorough reports that speak directly to the requirements of the job. While we are sincerely committed to the aims and ethics of sustainable development, we undertake to provide balanced and objective inputs on project impacts and mitigation. In this way, *AVISENSE* offers the best possible combination of credibility, thoroughness and efficiency, ensuring that our clients are fully protected from the potential costs and reputational damage associated with environmentally damaging developments.

In short, we are the most qualified, responsible and cost-effective option for bird survey and avian impact assessment work available in the region.

### **Commercial services include:**

- Input to all stages of environmental impact and management studies, detailing the avifauna present within a designated development area, focussing on rare and/or threatened bird populations likely to be affected, and detailing best management practices and ways to mitigate negative impacts.
- Design and expert supervision of long-term monitoring of bird populations and impacts at proposed development sites.
- The sustainable solution of conflict between bird and human interests by means of rigorous scientific study.
- Annotated avifaunal surveys with attendant conservation management and ecotourism planning.

### With particular expertise in:

- The interface between birds and energy development, with emphasis on the biology of avian collisions with power infrastructure (especially power lines, wind turbines and solar installations).
- Early detection and mitigation of avifaunal impacts, particularly at the Strategic Assessment and pre-feasibility stages of the development schedule.
- With our strong background in the scientific research of raptor and avian collision ecology, we are uniquely placed to provide highly specialised services such as
  - ground-based or aerial surveys of cliff-nesting raptor communities
  - hi-tech GPS telemetry or radar tracking of mobile species to inform collision risk studies
  - applied management solutions

The products of these disciplines are critical to the effective mitigation of impacts on threatened and susceptible groups of birds.

### Work in progress or recently completed includes:

- Primary authorship of the BLSA / EWT Best Practice Guidelines for assessing and monitoring avian impacts at both wind and solar energy developments in South Africa.
- Scoping report for Dept. of Environmental Affairs' Strategic Environmental Assessment for wind and solar PV energy development in SA.
- Radar-based tracking of Great White Pelicans to inform a collision risk assessment for the proposed Rhebokfontein wind energy facility.
- Post-inundation monitoring of birds in the catchment areas of the Katse and Mohale Dams, Lesotho Highlands, in collaboration with Dave Allan (Durban Natural Science Museum).
- Inventories of cliff-nesting birds potentially affected by the proposed Umsinde Emoyeni and Inyanda-Roodeplaat wind farms.

### Contact:

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For further information please visit our website: <http://www.avisense.co.za/>

