



BREAK THE GRIDLOCK! WIRE FOR GROWTH!



21 - 23 OCTOBER 2025
8:00 am – 5:00 pm



CAPE TOWN, SA
CTICC 2

2025 PRESENTATION

TURNING WITH THE WIND AN ALL ROUND STORY OF GROWTH

NADEEMAH SHAIKJEE

23 OCTOBER 2025





PASSION

GROWTH

UNDERSTANDING

**“ LIFE RARELY PLAYS
OUT THE WAY
ENVISIONED...”**





The negative impact of wind turbines on wildlife in South Africa

Nadeemah Docrat

1655640

Supervisor: Dr Brian Boshoff

January 2023

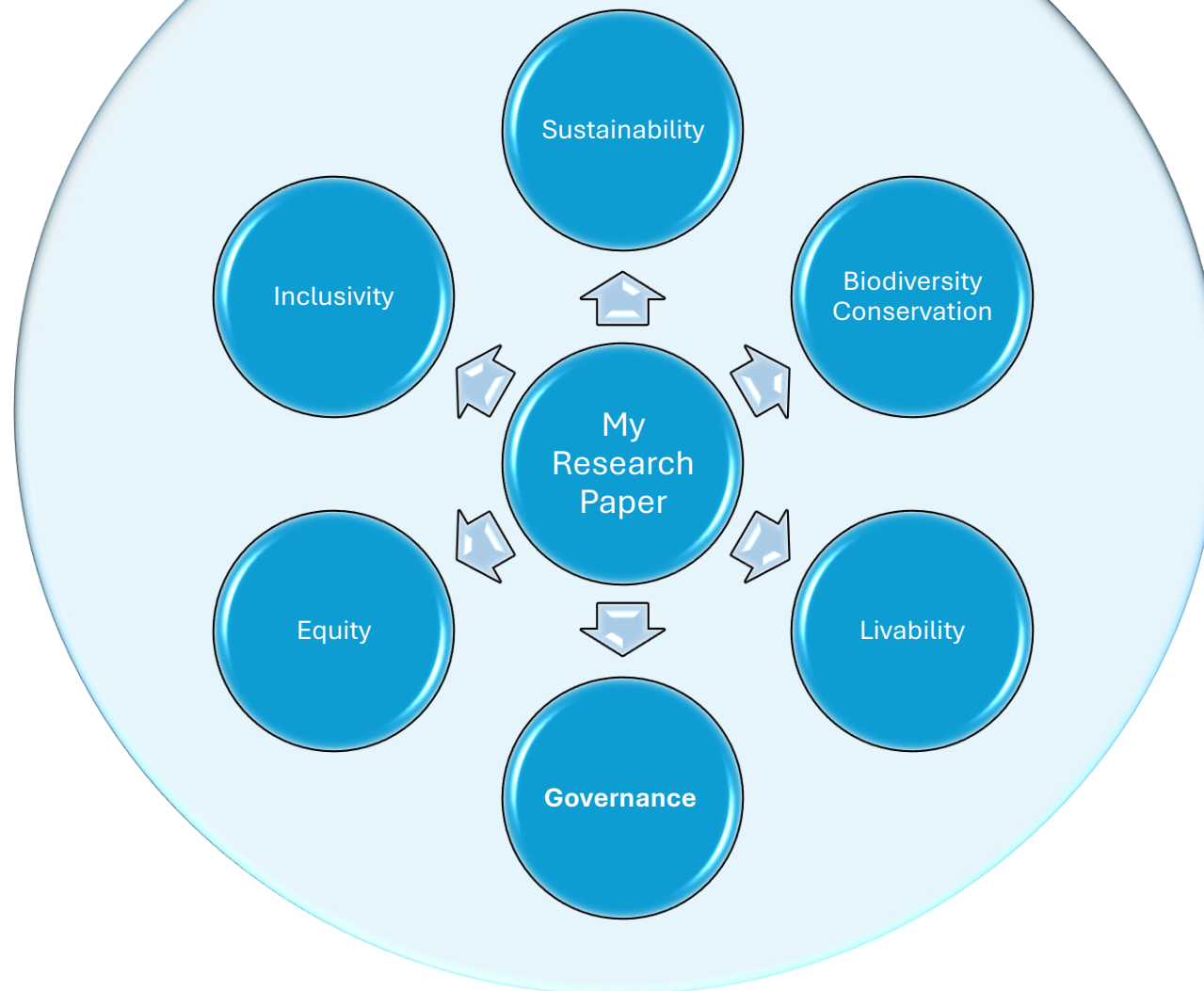
School of Architecture and Planning



A research report submitted to the Faculty of Engineering and the Built Environment, University of the Witwatersrand, Johannesburg, in partial fulfilment of the requirements for the degree of Master of Urban Studies: Sustainable Energy Efficient Cities.

Johannesburg 2023

ENVIRONMENTAL URBAN PLANNING ... IS THERE A LINK ?





WIND TURBINE MITIGATION TECHNIQUES

1. Blade painting/patterning



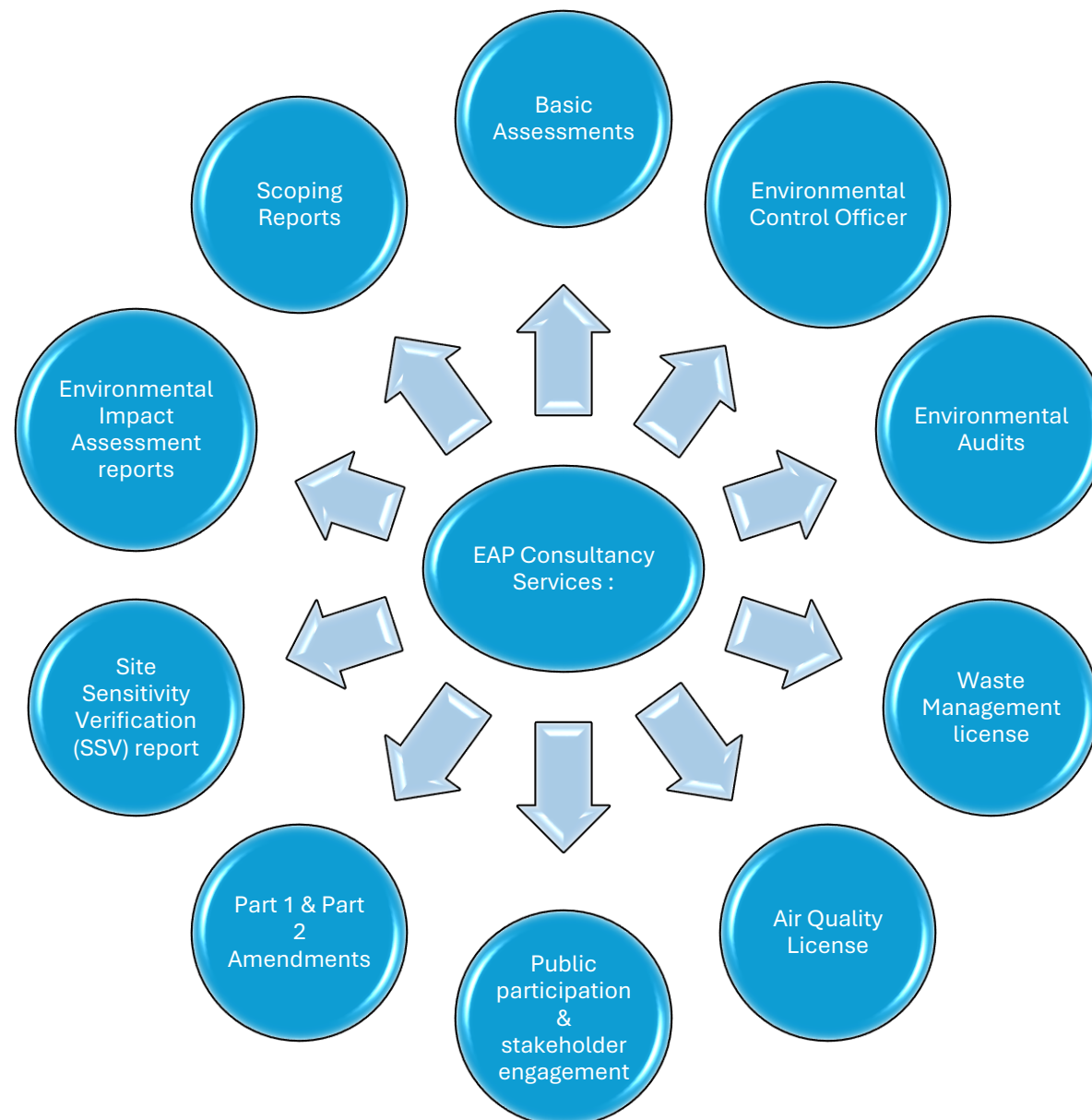
2. Artificial Intelligence (AI) Shut-Down-on-Demand (SDoD)





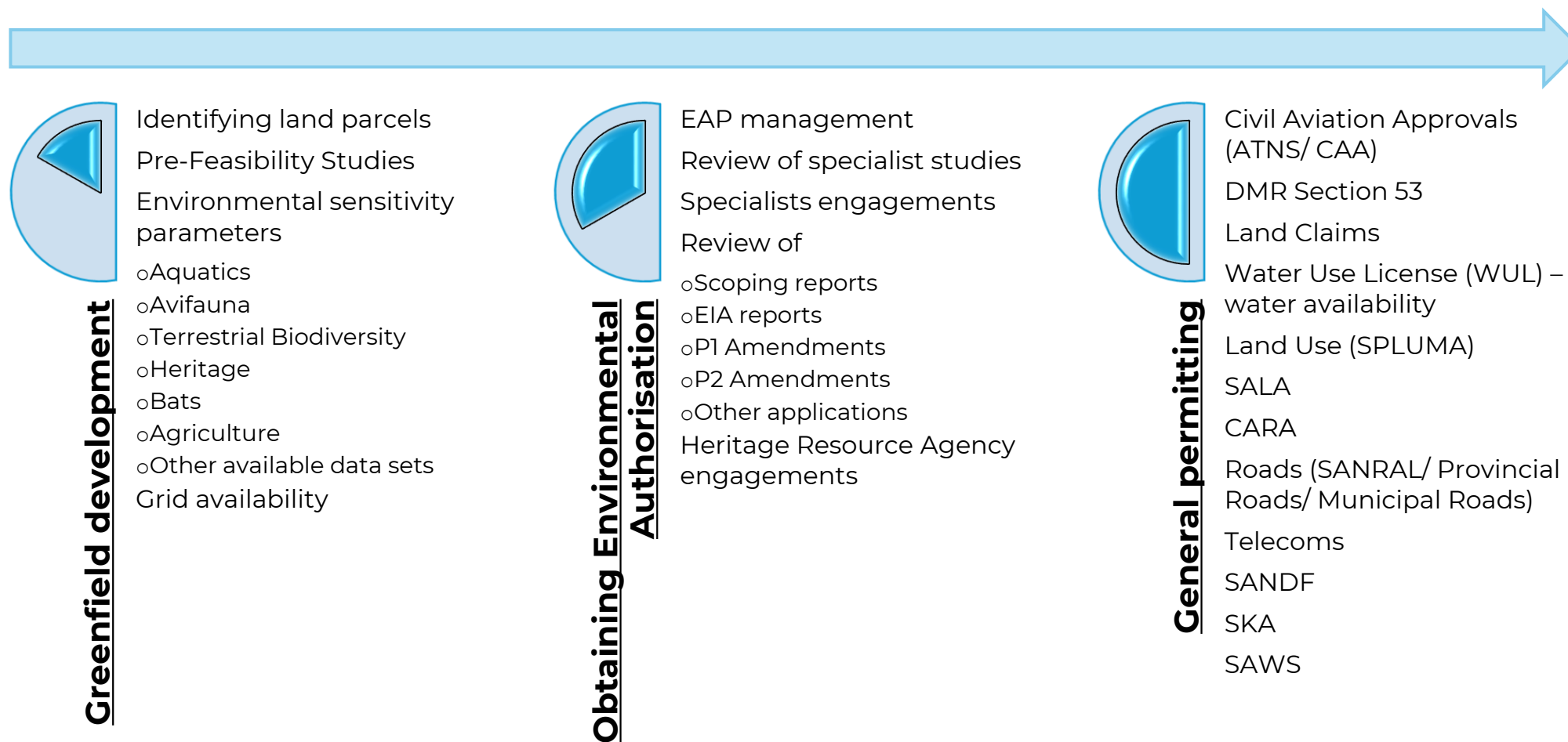
WHAT DOES BEING AN EAP ENTAIL?

- Environmental Assessment Practitioners (EAPs) are a team of experts with environmental management expertise
- They conduct environmental impact assessments and various environmental focus-driven studies, to determine the effect that developments are likely to have on the environment and society.
- These studies/ roles/ functions inform environmental management parameters of projects
- EAP Consultancies have a variety of services that they offer
- Well known EAP consultancies:





ORGANISATIONAL STRUCTURES WITHIN A DEVELOPER FIRM





ORGANISATIONAL STRUCTURES WITHIN A DEVELOPER FIRM CONT.



Land Acquisition

Negotiations with LO's
Property Rights
Aligning within
Legislation (SALA)
Option to Lease
agreement discussions
Servitude Agreement
discussions



Technical/ Engineering

Energy yield
assessments
Engineering Design –
Facility
Engineering Design –
Grid Connection
Geotechnical
Engineering
Investigation and
report
Road designs



Business Development/ Commercial

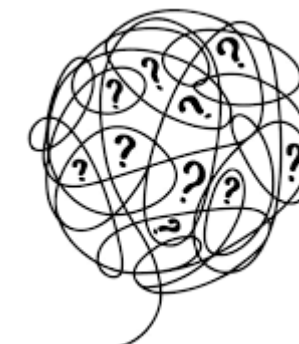
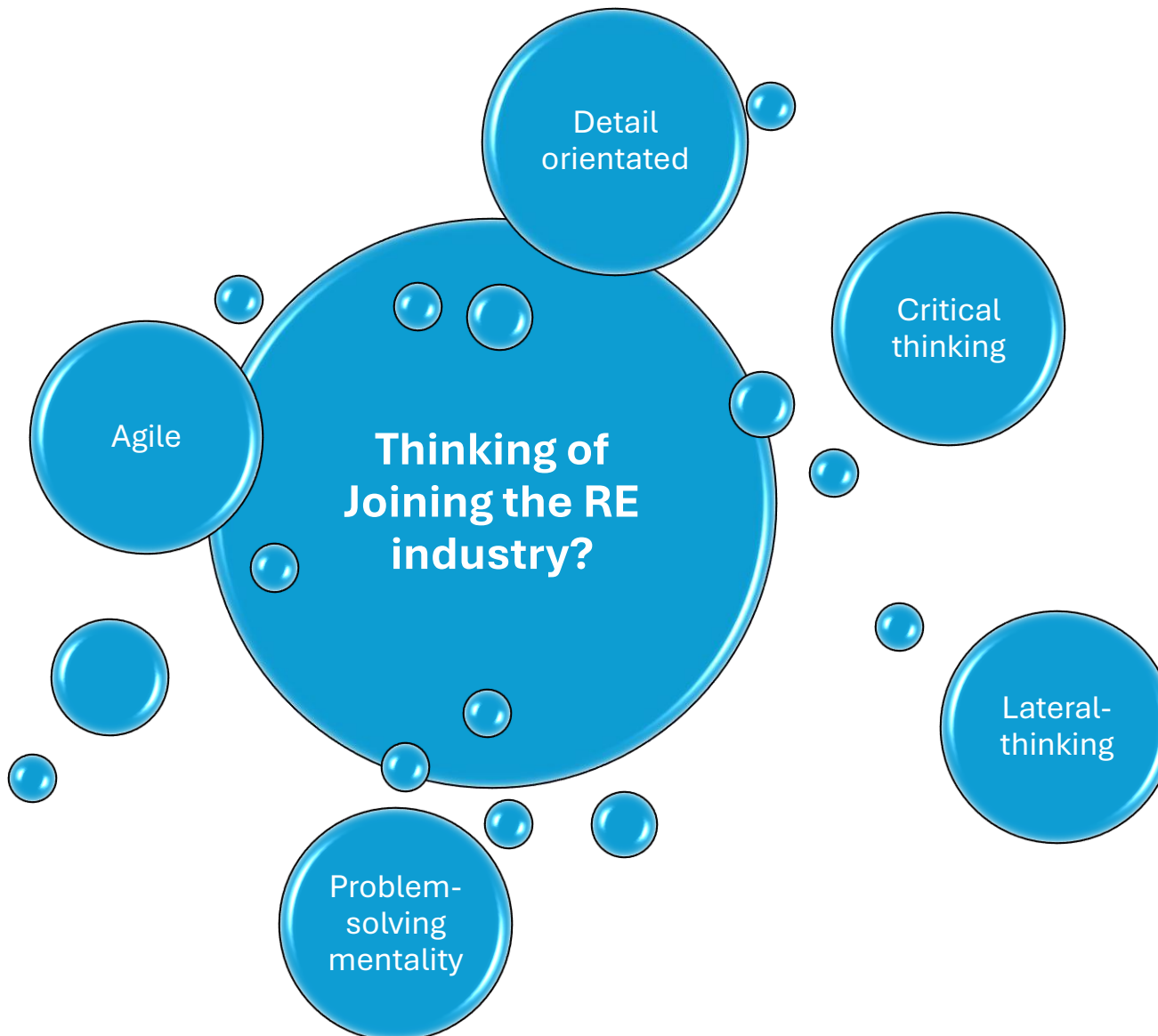
Eskom Grid
Connection Process
(CEL/ BQ applications)
Nersa Generation
License
Market analysis
Market views
(Understanding
industry policies/
regulations)



Legal

Joint venture/
partnerships (legal
documents)
Drafting of Land lease
agreements
Drafting of Servitude
agreements
Registration of Leases
Business transactions
with Landowners /
business partnerships
Due diligence
parameters leading to
Financial Close
EPC/ O&M contracting







THE BIGGEST LESSON LEARNT





“WHERE YOU ARE NOW
IS RIGHT WHERE YOU NEED TO BE
TO BECOME THE PERSON THAT
YOU ARE MEANT TO BECOME”



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WINDAC
A F R I C A

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THANK YOU FOR LISTENING!

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