

DEA National Corridors for Electricity Grid Infrastructure

To facilitate the efficient and effective rollout of Strategic Electricity Grid Infrastructure

SEA Vision and Objectives Exercise

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First Expert Reference Group Meeting
CSIR Pretoria

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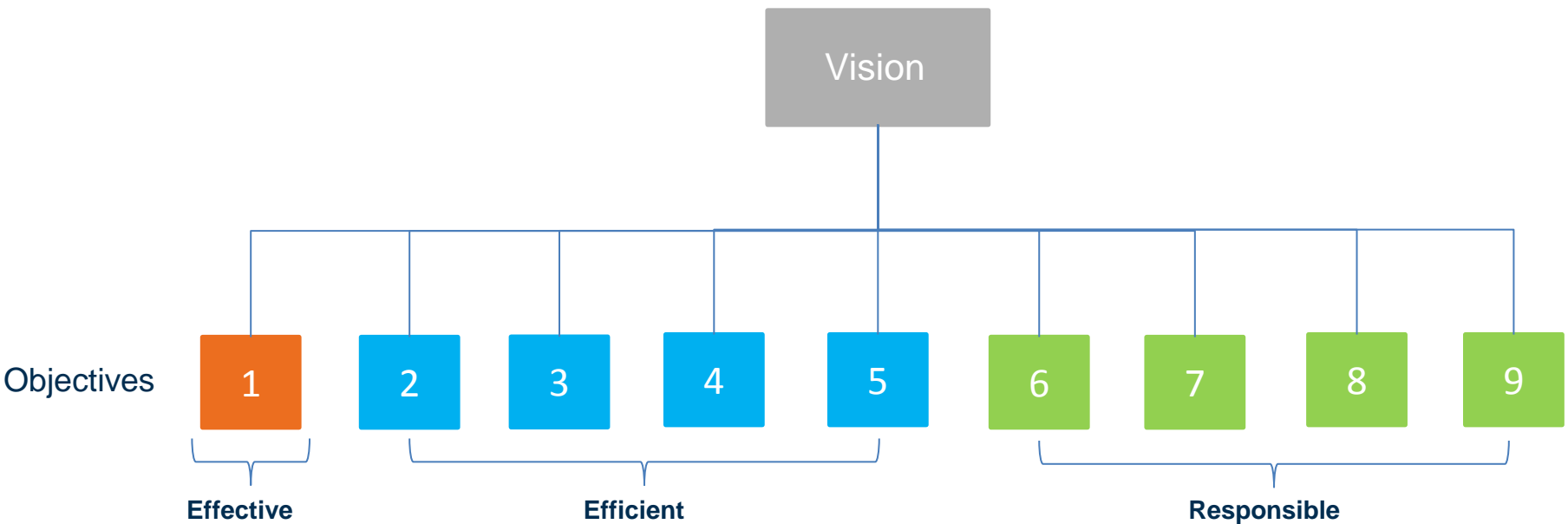


Vision for the SEA

*Strategic electrical grid infrastructure is expanded in a **responsible** and **efficient** manner that responds **effectively** to the country's economic and social development needs.*

Vision and Objectives for the SEA- breakdown

Strategic electrical grid infrastructure is expanded in a responsible and efficient manner that responds effectively to the country's economic and social development needs

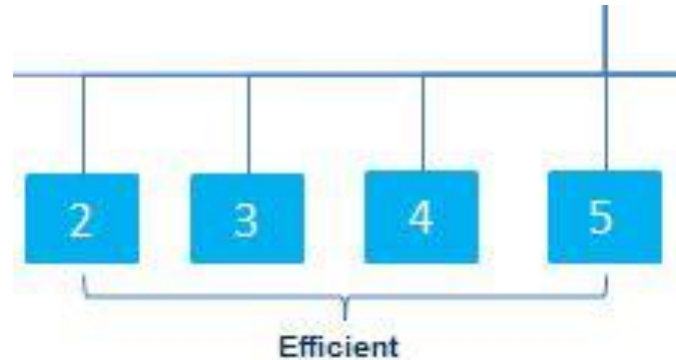


Objectives of SEA



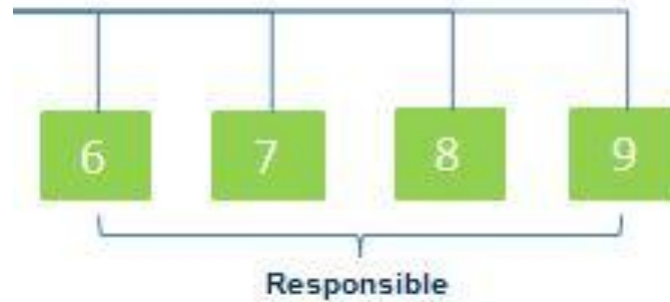
- Identify strategic electrical grid expansion corridors at a national scale based on future energy supply and demand requirements, environmental sensitivities as well as social and economic development needs.

Objectives of SEA



- Streamline the authorisation process by pre-assessing environmental sensitivities to avoid fatal flaws and focus on the ground assessments.
- Enable Eskom flexibility when undertaking land negotiation by providing a range of route alternatives within the pre- assessed corridors.
- Reduce cost and timeframes for electrical grid infrastructure connection and expansion by providing certainty through the gazetting of the strategic corridors and thus enabling upfront strategic investment.
- Reduce obstacles to implementation through the promotion of dialogue and collaborative governance between authorities mandated to approve or license aspects of electricity grid infrastructure development.

Objectives of SEA



- Develop a site specific development protocol which prescribes responsible assessment requirements as well as the environmental application process.
- Develop a Bird and Bat database for the collation of monitoring data to inform future planning and decision making.
- Share research learnings with government, academic and public forums to promote environmental assessment.
- Contribute to skills development by involving two interns in the delivery of the project.

Vision and Objectives for the SEA- overview

Vision for the SEA

Strategic electrical grid infrastructure is expanded in a responsible and efficient manner that responds effectively to the country's economic and social development needs

Objectives for the SEA

1. Identify strategic electrical grid expansion corridors at a national scale based on future energy supply and demand requirements, environmental sensitivities as well as social and economic development needs.
2. Streamline the authorisation process by pre-assessing environmental sensitivities to avoid fatal flaws and focus on the ground assessments.
3. Enable Eskom flexibility when undertaking land negotiation by providing a range of route alternatives within the pre-assessed corridors.
4. Reduce cost and timeframes for electrical grid infrastructure connection and expansion by providing certainty through the gazetting of the strategic corridors and thus enabling upfront strategic investment.
5. Reduce obstacles to implementation through the promotion of dialogue and collaborative governance between authorities mandated to approve or license aspects of electricity grid infrastructure development.
6. Develop a site specific development protocol which prescribes responsible assessment requirements as well as the environmental application process.
7. Develop a Bird and Bat database for the collation of monitoring data to inform future planning and decision making.
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9. Contribute to skills development by involving two interns in the delivery of the project.