

# DEA National Electricity Grid Infrastructure SEA

## Introduction to Strategic Environmental Assessments (SEAs) and Strategic Introduction Projects (SIPs)

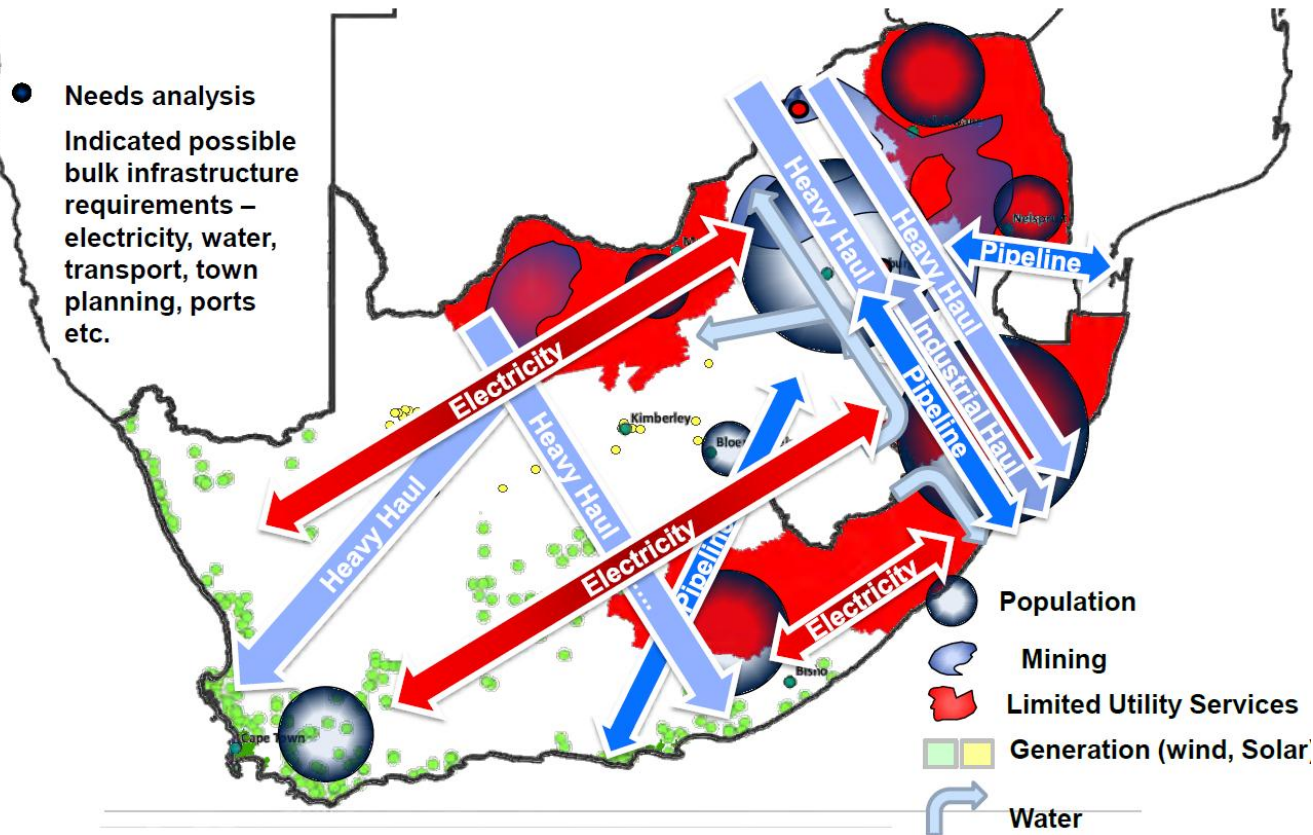
FREE STATE PROVINCE

From the spatial analysis of the country needs, 17 (+1) Strategic Integrated Projects (SIPs) have been identified.

The SIPs cover a range of economic and social infrastructure.

All nine provinces are covered, with emphasis on poorer provinces.

**Needs analysis of infrastructure to support economic development and trade whilst simultaneously addressing the needs of the poor**



# A SUMMARY OF THE SOUTH AFRICAN NATIONAL INFRASTRUCTURE PLAN



PRESIDENTIAL INFRASTRUCTURE COORDINATING COMMISSION



## **SIP 8: Green energy in support of the South African economy**

- Roll out of the Integrated Resource Plan (IRP2010)

## **SIP 10: Electricity transmission & distribution**

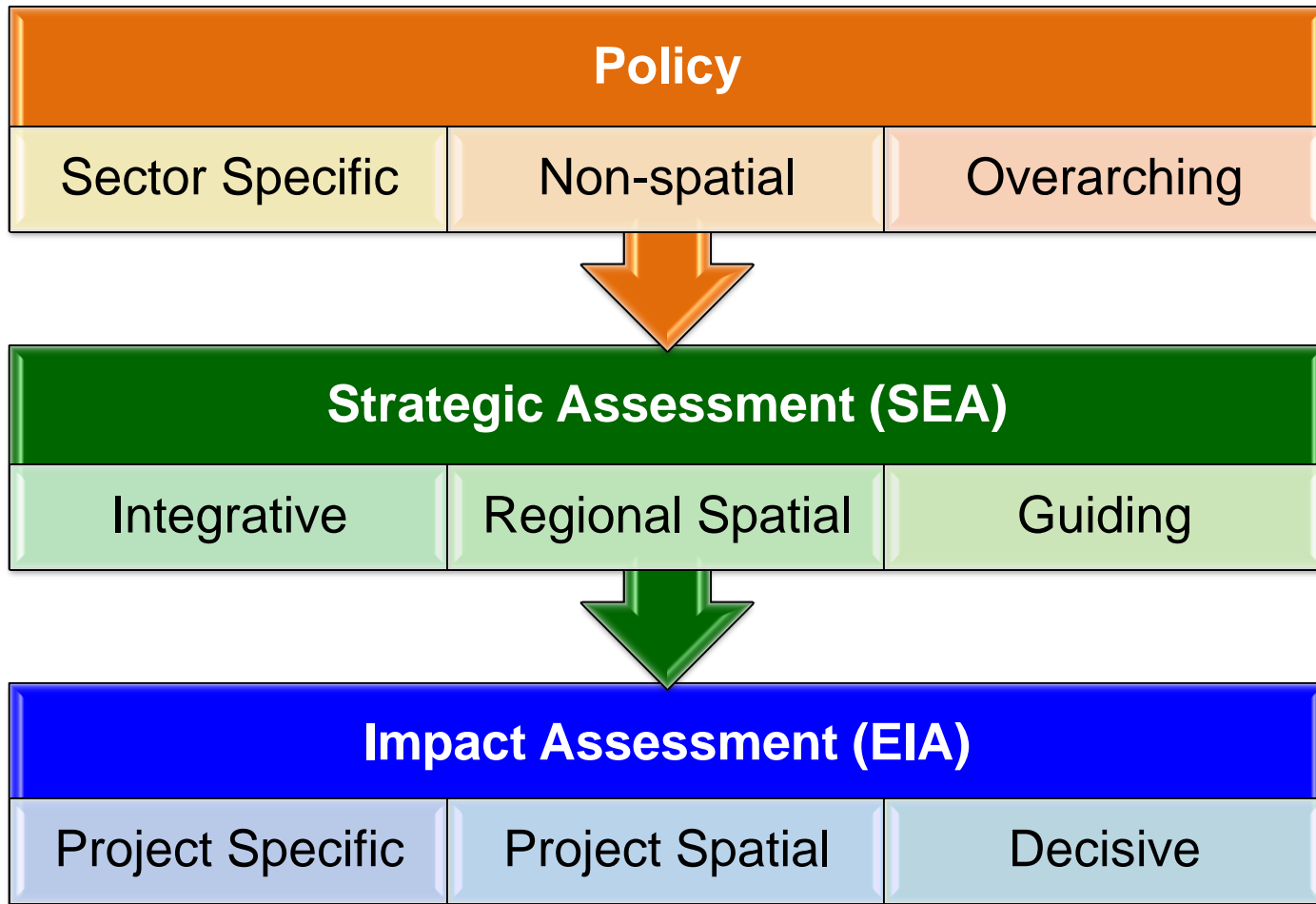
- Expand the transmission and distribution network

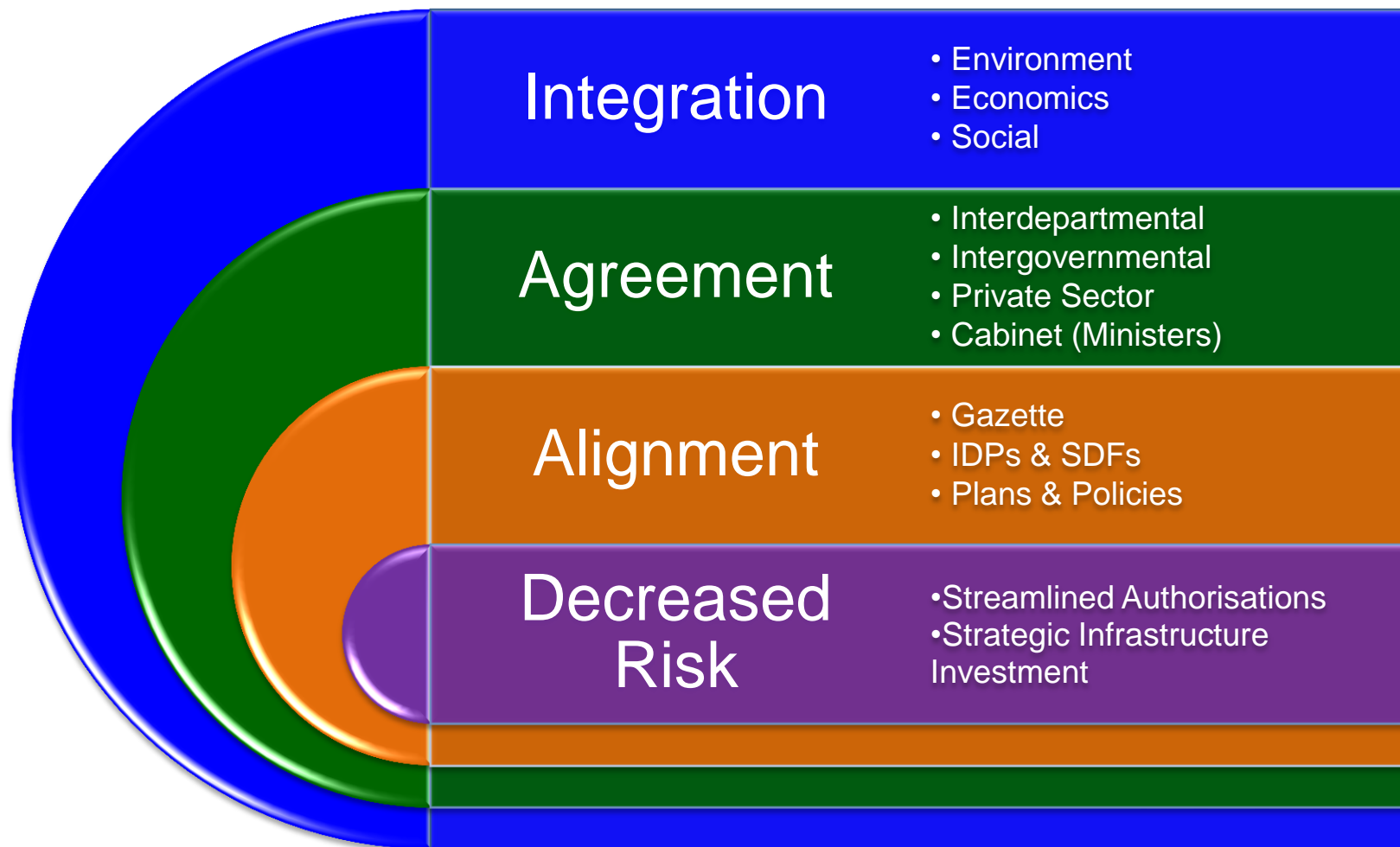
## **SIP 9: Electricity generation to support socioeconomic development**

- Accelerated construction of new electricity generation capacity

- **Strategic approach** allows development to be viewed at a regional scale
  - Mandated by DoE and MEC's responsible for the environment
  - Support from National Treasury
  - Support of the Portfolio Committee for Water & Environment for a more strategic approach

# Where does the SEA fit?





# SEA Administrative Implementation Diagram

