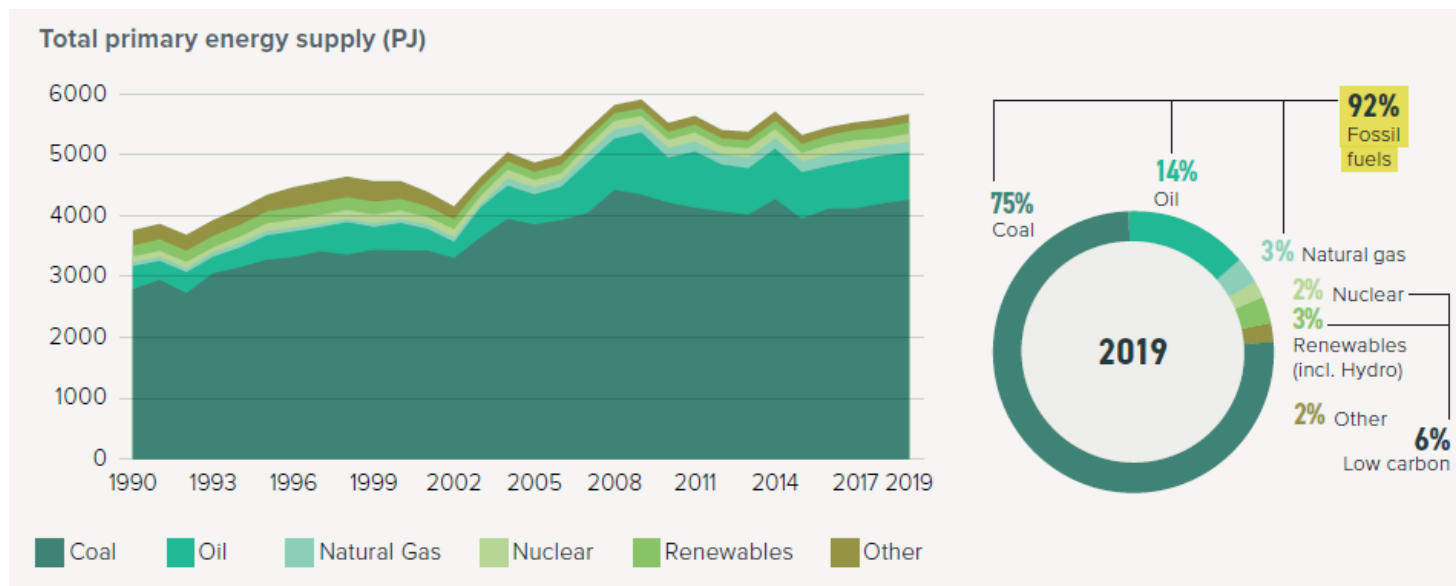


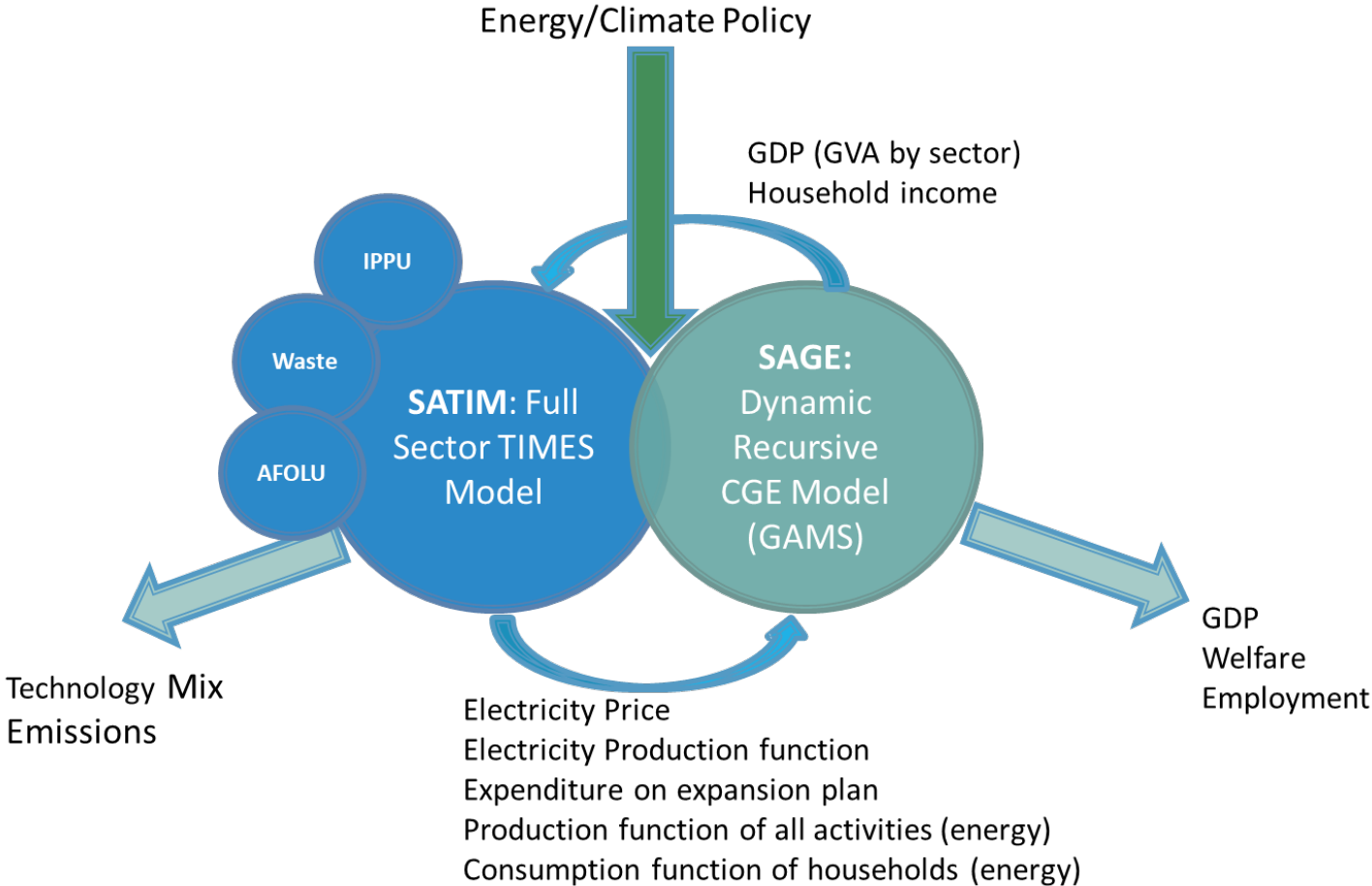
Context

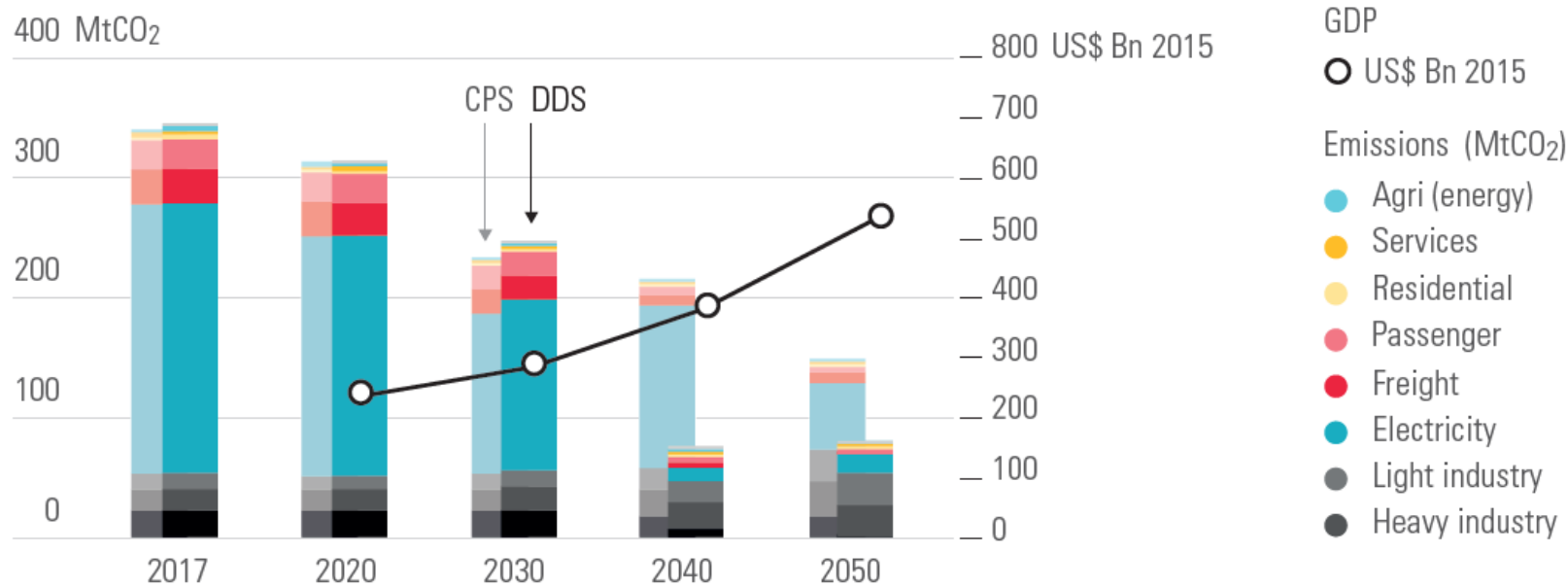
- South Africa is highly coal dependent
- Large scale unemployment (~41% for youth)
- Economic growth has been stagnant for years
- Emissions intensive; mostly in the **power sector**
- RE costs have declined, coal costs have increased
- Abundant solar and wind resources



Climate Transparency 2020

SATIMGE:
energy and
economy model





Current Policy Scenario: emissions decline (IRP build plan includes a lot of RE)
 Deep Dive Scenario: similar to 2030

GDP to 2050 not impacting significantly