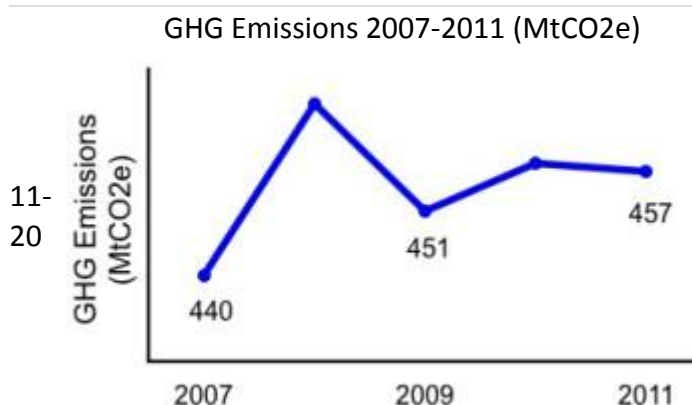


Emissions

Rank as emitter (including LULUCF):



Country-reported GHG emissions (incl. LULUCF) (MTCO₂):

361.22 (reporting year: 1994)

Country-reported GHG emissions (excl. LULUCF) (MTCO₂):

379.84 (reporting year: 1994)

Information

GHG inventory:

1990, 1994, 2000 (Second National Communication 2011)

Climate risk assessment:

South African Risk and Vulnerability Atlas (2010); National Communications to the UNFCCC (2003, 2011)

Targets

Economy wide targets - Up to (and including) 2020

Reduce emissions by 34% by 2020 compared to business as usual

Source:

- Informal voluntary pledge under the under the Copenhagen Accord (2009)

Economy-wide targets - Beyond 2020

Reduce emissions by 42% by 2025 compared to business as usual

Source:

- Informal voluntary pledge under the Copenhagen Accord (2009)
-

Targets - Energy demand

12% energy efficiency improvement by 2015, with targets of 10% and 15% in the residential and commercial sectors respectively

Source:

- Energy Efficiency Strategy (2013)
-

Targets - LULUCF

Offset around 8Mt of CO₂e per year through carbon sequestration projects by 2020, increasing to 16Mt by 2030

Source:

- Carbon Offsets Paper (2014)
-

Targets - Renewables

10,000GWh of energy to be derived from renewable energy sources (mostly from biomass, wind, solar and small-scale hydro) by 2013; 6.975GW of renewable generation capacity to be procured by 2020 (supported by the REIPPPP); emission constraint of 275Mt of CO₂ per year after 2024, with 42% of total new capacity installed derived from renewables; by 2030, install energy capacity of 82.9GMW, of which 45.9% will be sourced from coal, 12.7% from nuclear, 21% from renewable energy and other sources

Source:

- Integrated Resources Plan 2010 (2013)
 - White Paper on Renewable Energy (2003)
-

Targets- Transport

None

Policies

GHG Mitigation framework

National Climate Change Response Policy White Paper (2011)

Source:

- [National Climate Change Response Policy White Paper \(NCCRP\), \(2011\)](#)
-

Adaptation framework

National Climate Change Response Policy White Paper (2011)

Source:

- [National Climate Change Response Policy White Paper \(NCCRP\), \(2011\)](#)
-

Policies - Carbon pricing

Levy for electricity generated from non-renewable sources from ZAR0.01/kWh (USD0.0009) to ZAR0.035/kWh (USD0.003)

Source:

- Taxation Act Amendment (2013)
 - [Taxation Laws Amendment Bill, 2009 – Sections 12K and 12L inserted in Act 58, \(2009\)](#)
-

Policies - Promotion of low-carbon energy (inc. renewables)

Criteria-based competitive-bidding process; Support for carbon capture and storage system; National Energy Development Institute (promoting efficient generation and consumption of energy and R&D); Tax exemptions for revenues from CDM mechanism projects

Source:

- Vision, Strategic Direction and Framework for Climate Policy (2008)
- [National Energy Act 2008, \(2008\)](#)
- Income Tax Act (2013)
- [Taxation Laws Amendment Bill, 2009 – Sections 12K and 12L inserted in Act 58, \(2009\)](#)

Policies - Energy demand

Income tax incentives for energy efficiency savings (energy efficiency savings allowance of ZAR0.45 (USD0.04) per kW/h (or equivalent) of energy saved, to be deducted from taxable income); Efficiency labels and performance standards, energy audits

Source:

- Income Tax Act (2013)
 - [Taxation Laws Amendment Bill, 2009 – Sections 12K and 12L inserted in Act 58, \(2009\)](#)
 - Energy Efficiency Strategy (revised 2013)
-

Policies - Transport

CO2 emissions tax on passenger vehicles (introduced in the 2009-2010 budget, levies a flat rate tax on CO2 emissions above a certain threshold); Fuel efficiency labelling, fleet audits, programmes for encouraging public transportation development and use, and efficient vehicle technologies; Tax on International air passenger departure on flights to Southern African Customs Union member states and other international destinations (increased in 2011); Government Vehicle Efficiency Programme

Source:

- Energy Efficiency Strategy (2005)
 - 2009-2010 Budget (2009)
 - [National Climate Change Response Policy White Paper \(NCCRP\), \(2011\)](#)
-

Policies - LULUCF

None