

SA'S PROGRESS AND COMMITMENT TO THE PARIS AGREEMENT

- In order to remain committed to the Paris Agreement we need to:
 - Update and communicate to the UNFCCC before COP 26 in 2021 the updated Nationally Determined Contribution
 - Implement the domestic Mitigation System
 - Table the Climate Change Bill to Parliament
 - Communicate to the UNFCCC by 2020 the mid-century long-term low greenhouse gas emission strategy (LEDS)
 - Implement the National Adaptation Strategy (NAS)
 - Set up a Presidential Climate Change Coordination Commission (PCCCC).



ELEMENTS OF THE CLIMATE MITIGATION SYSTEM?

Mitigation Goal

National GHG Emissions Trajectory Range, against which outcome of all mitigation actions will be measured

Monitoring of GHG emissions

Data collection, GHG inventory and M&E system

Sectoral Targets

Defining Desired Emission Reduction Outcomes (DEROs), now **Sectoral Emissions Targets (SETs)**, for each significant sector or sub-sector of the economy

Industry emissions limits

Adopting a **carbon budget** approach to provide for flexibility and least cost mitigation in sectors and/or sub-sectors

Industry

implementation

Mitigation plans to demonstrate how mitigation by companies is to be achieved

Sector polices to drive mitigation

Policies and Measures (PAMS), economic measures to drive mitigation (e.g. IRP 2019 – REIPPP)



CLIMATE MITIGATION SYSTEM:

Where are we now?

- Progress on **Sectoral Emission Targets** (emission targets for policy sectors):
 - SETs allocation framework approved by cabinet in 2021;
 - SETs for the environmental sector (DFFE is the policy custodian) are to be finalized for implementation in the 2023/24 financial year;
 - Other sectors of interest for now (e.g. transport, Energy, Agriculture, Human Settlements, Water and Sanitation, Industry) have been quantified. Engagements with Sectors to start in February 2023 for finalization in December 2023.
 - Draft SETs to be published for public comment by January-March 2024.
 - Cabinet approval in 24/25 FY



CLIMATE MITIGATION SYSTEM:

Where are we now?

- **Progress on Carbon Budgets:**
 - Carbon Budget allocation framework approved by cabinet in 2021.
 - Carbon budget allocation for the mandatory period (2023-2027) underway and shall be concluded by June 2024.
 - DFFE in consultation with companies to finalise the allocations for Phase I.
 - Research and Data Analysis for Phase II underway (see next slide for sectors covered in Phase I and Phase II).
 - Workshop in July/August to discuss the contents of the integrated CB/Mitigation plan regulations.
 - Voluntary Carbon Budget will run up until the CC Bill and Regulations are passed into law.



Sector Prioritization

Sector priority to December 2021	Sector priority post-December 2021
Electricity production	Aluminium production
Crude oil production and/refining	Lead production
Petroleum refining	Zinc production
CTL/GTL	Chemicals production
Iron and steel production	Hydrogen production
Ferro alloys production	Charcoal and biochar production
Aluminium production	Lime production
Chemicals production	Ceramics production
Pulp and paper production	Brick production
Hydrogen production	Domestic aviation
Cement production	Food and beverage production (FMCG)
Glass production	Mining
Food and beverage production (FMCG)	



CLIMATE MITIGATION SYSTEM:

Where are we now?

- **Industry Implementation (industry mitigation plans):**
 - Industry mitigation plans support the implementation of Carbon Budgets
 - Allocation of mitigation plans to industry for the period 2021-2025 concluded in 2020
 - Progress reports on implementation submitted annually from 2021 onwards
 - Currently reviewing the PPP regulations taking into account the lessons from the first commitment period (2016-2020) and the second commitment period (2021-2025)



CLIMATE MITIGATION SYSTEM:

Where are we now?

- **Progress on Monitoring of Greenhouse Gas (GHG) emissions:**
 - Mandatory GHG reporting programme has been in operation since 2017.
 - Transitional Arrangements implemented in the 2023 Reporting cycle.
 - Independent verification triggered for the first time in this Reporting cycle.
 - The SAGERS has a CB and MP module developed.
 - Will use the CB module in 2024 to log all the Mandatory budgets
- **Mitigation Goal (SA's fair share contribution to the global efforts to reduce GHG emissions):**
 - Project underway to construct developmental pathways/narratives for 2050.
 - Shall be informed by broader stakeholder consultation.
 - Once these development pathways are finalised, a series of Net-Zero emission scenarios shall be developed.
 - Possible update of the LEDS in the immediate future
 - Possible Update of the NDC in the immediate future

