

55th PLENARY ASSEMBLY OF SADC PARLIAMENTAR FORUM

“THE ROLE OF PARLIAMENTS IN PROMOTING RENEWABLE ENERGY POLICIES IN THE SADC REGION AND
CREATING A SINGLE REGIONAL ENERGY MARKET”

20/06/2024

ANPG
AGÊNCIA NACIONAL DE PETRÓLEO, GÁS
E BIODIESEL

**GOVERNO DE
ANGOLA**
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1.

BACKGROUND

Energy Consumption in SADC Countries and the National Context for GHG Emissions

2.

OIL SECTOR PROSPECTS

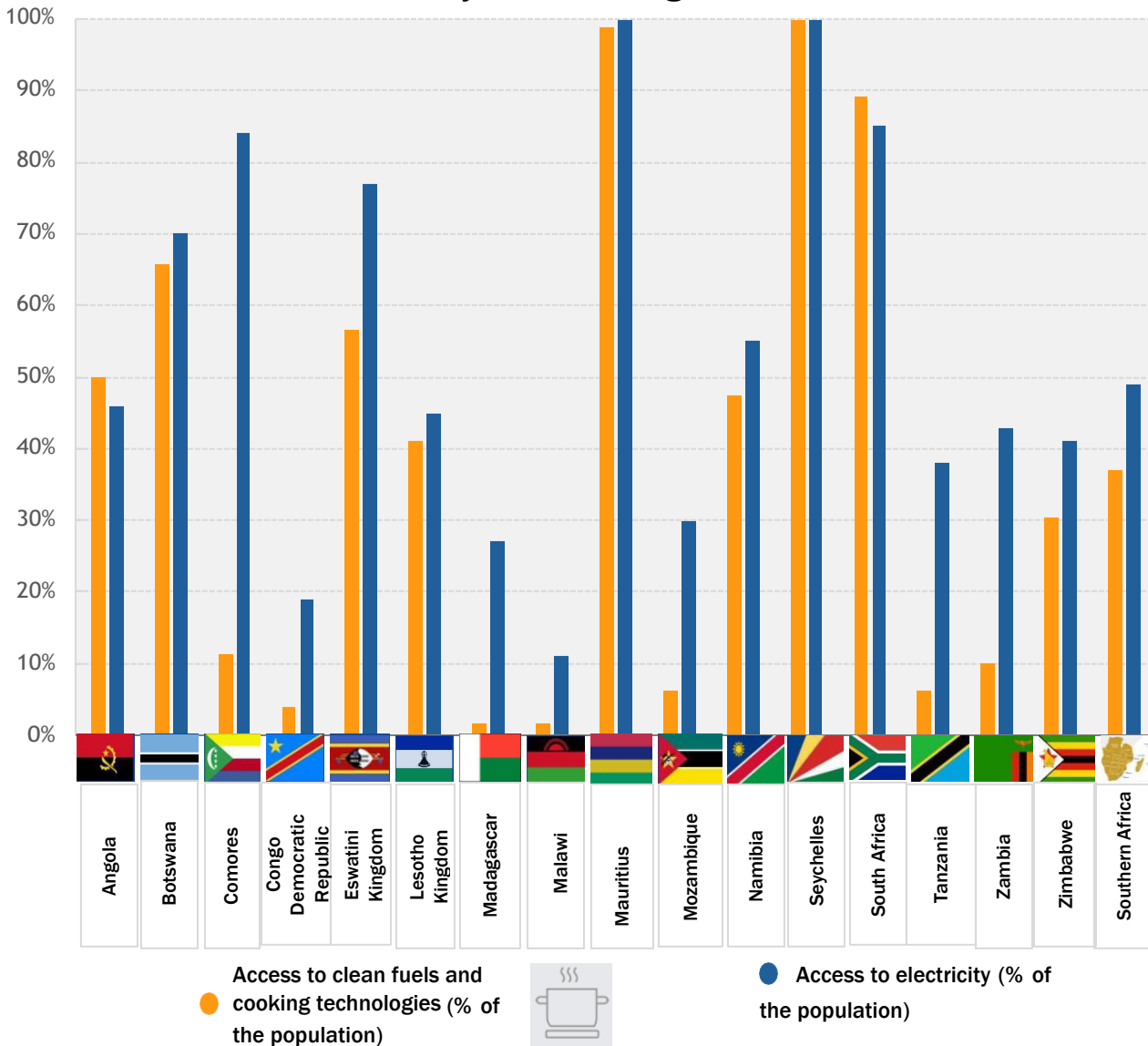
Current Actions in the Sector and Biofuel Strategy

3.

CONSIDERATIONS

Energy Consumption of SADC Countries

Access to electricity and cooking fuels

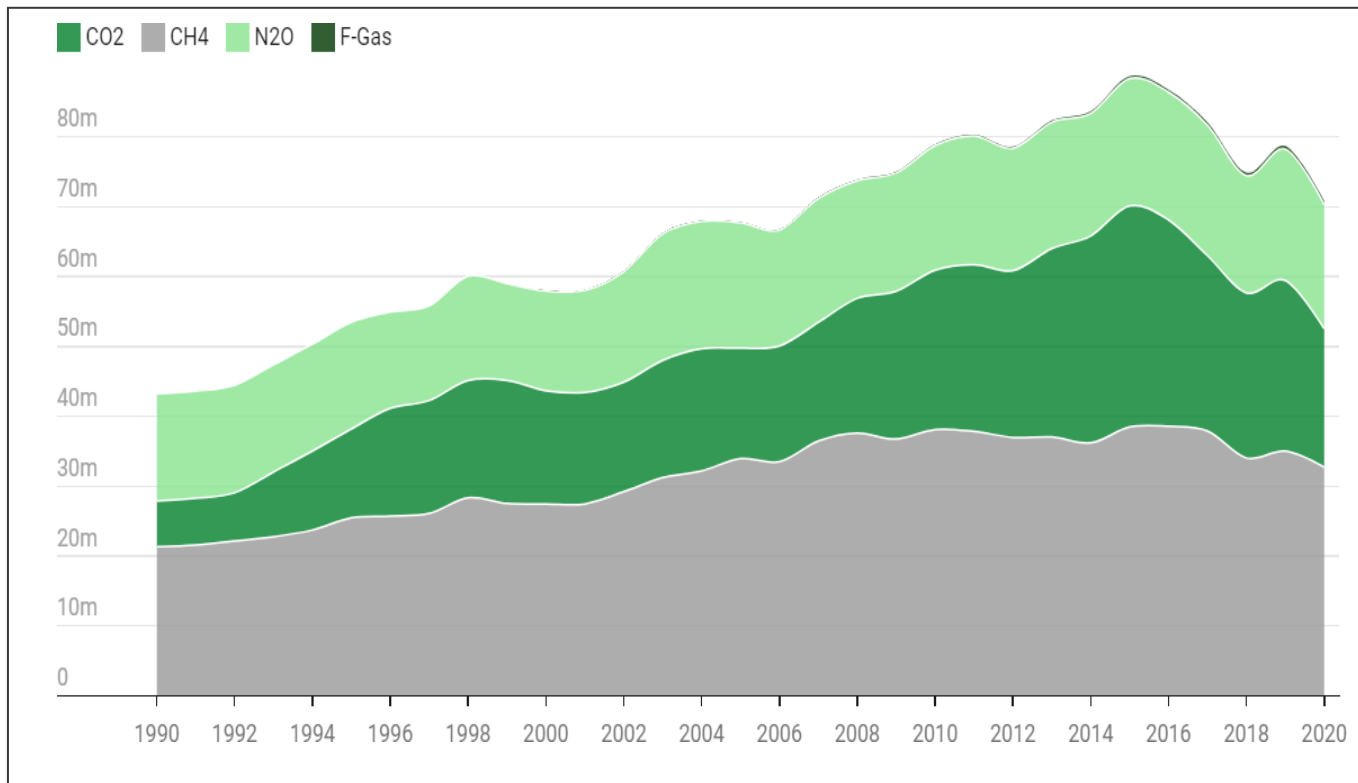


Source: World Bank (2021)

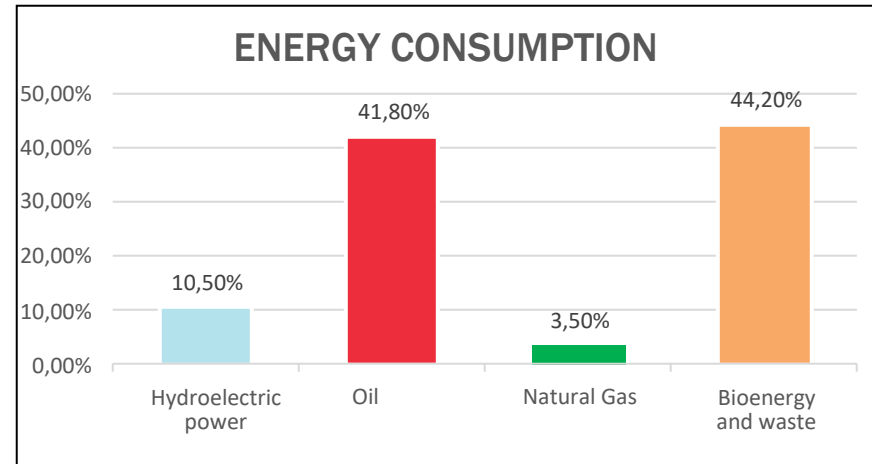


National Context of GHG Emissions and Energy Consumption of Angola

GREENHOUSE GAS EMISSIONS EM ANGOLA



Land use change and forestry	48.6M
Agriculture	34.1M
Energy	33.3M
Waste	1.9M
Industrial processes	1.6M



Angola

Region: Sub Sahara Africa

Sub-region: Central Africa

Income Group: Low Average Income

GDP (US\$billions, PPP in 2017) in 2022: 210.2

Population (in millions) in 2022: 35.5

ACCESS TO ELECTRICITY
(Population % with access) Year: 2022

48

RENEWABLE ENERGY
(Total usage % of Final Energy) Year: 2021

53

RENEWABLE CAPACITY
per Capita (Watts/Capita) Year: 2022

114

ACCESS TO CLEAN KITCHEN
(Population % with access) Year: 2022

50

ENERGY EFFICIENCY
(MJ per 2017 PPP) Year: 2021

31

INTERNATIONAL FINANCIAL FLOWS
(US\$ millions, PPP 2021) Year: 2022

82.8

COUNTRY VOLUME: 31

GLOBAL AVERAGE

Source: World Bank (2023)

Source: Emission Index - Climate Watch (Rob Boyle 2024).

Angola is committed to stabilising emissions, through conditional and unconditional actions focused on two sectors:

- **Renewable Energy Generation**
- **Reforestation**



ANPG's Vision of the Energy Transition.

- Promotion of the biofuel sector;
- Carbon offsetting and neutrality project;
- Development of policies to encourage investment in sustainable oil and natural gas;
- Hydrogen market perspective;
- Low-carbon projects and products;
- Diversification of the energy matrix.

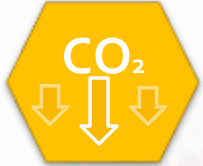
CURRENT ACTIONS IN THE SECTOR

Oil, Gas and Biofuels

Quick wins



Methane-to-go Africa Campaign



Memorandum of understanding on expanding low-carbon energy



Ongoing regulatory initiatives



Decarbonisation and Sustainability Strategy



Biofuel Strategy



Vision: Making Angola Africa's green energy bank.

Mission: To produce biofuels, green hydrogen and derivatives to help reduce GHGs, diversify revenue streams and the energy matrix, thereby promoting GDP growth and social well-being.

Key Objectives	Economic Growth	GHG reduction	Social Growth	Increasing exports (green)
Pillars	I. Investment-friendly regulations	II. Infrastructure development	III. Internal development	IV. Geared towards exporting

Medium-long term strategy, chosen for the development of energy products in Angola.

Energy products: Conventional and advanced small-scale biofuels

Biodiesel, Bioethanol, Biogas, Biomethane, CO₂, Bio-based SAF

- ✓ Potential for renewable electricity and therefore for green hydrogen.
- ✓ Potential for growth in economic diversification due to high demand and attractive prices of Sustainable Aviation Fuel (SAF).
- ✓ Creation of additional jobs and improvements to national infrastructure.
- ✓ High export potential, only for SAF that can be used by aircraft sectors.
- ✓ Reasonable capital inflow due to the global need for SAF and the fulfilment of GHG targets.

CONSIDERATIONS

- ❑ Development of policies to incentivise natural gas investment
- ❑ Implementation of low-carbon projects and products
- ❑ Carbon offsetting and neutrality project
- ❑ Development of the biofuel sector
- ❑ Hydrogen market perspective
- ❑ Initiatives with external partners
- ❑ Human Capital and future challenges

Thank you!

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