



SADC Sub-Regional Workshop on Harmonization of Low Sulphur Fuels Standards and Used Vehicles Regulation Vehicles

Experience of Mozambique on Migration to Low Sulphur Diesel

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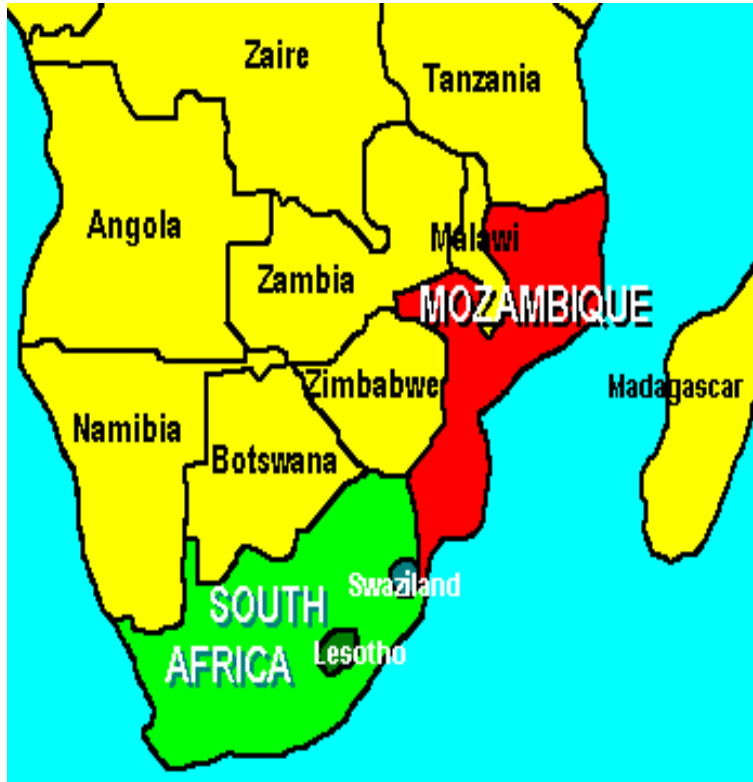
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1. General Information o the Country



- ❑ Localization: Suthern Africa
- ❑ Area: 799,860 km²
- ❑ Population aproximately: 30 millions
- ❑ Economic last 10 years growth; about 7% per year
- ❑ Main natural energy resources: Natural gas, coal and hydropower.

Mozambique imports all petroleum products since its only refinery was shutdown in 1980s



2. Oil terminals and main market players



The main four 4 ports are Maputo, Beira, Nacala and Pemba which serves the region countries such South Africa, Eswatini, Zimbabwe, Malawi, RDC, Zambia and Botswana.

The country has 30 oil OMC registered, of which 1 a national company and others are privates, including multinationals and locals companies



3. Fuels statistics data(2022)



a) Petroleum Products

- Importation: 2,400,000.00m³
- Consumption: 2,000,000.00m³

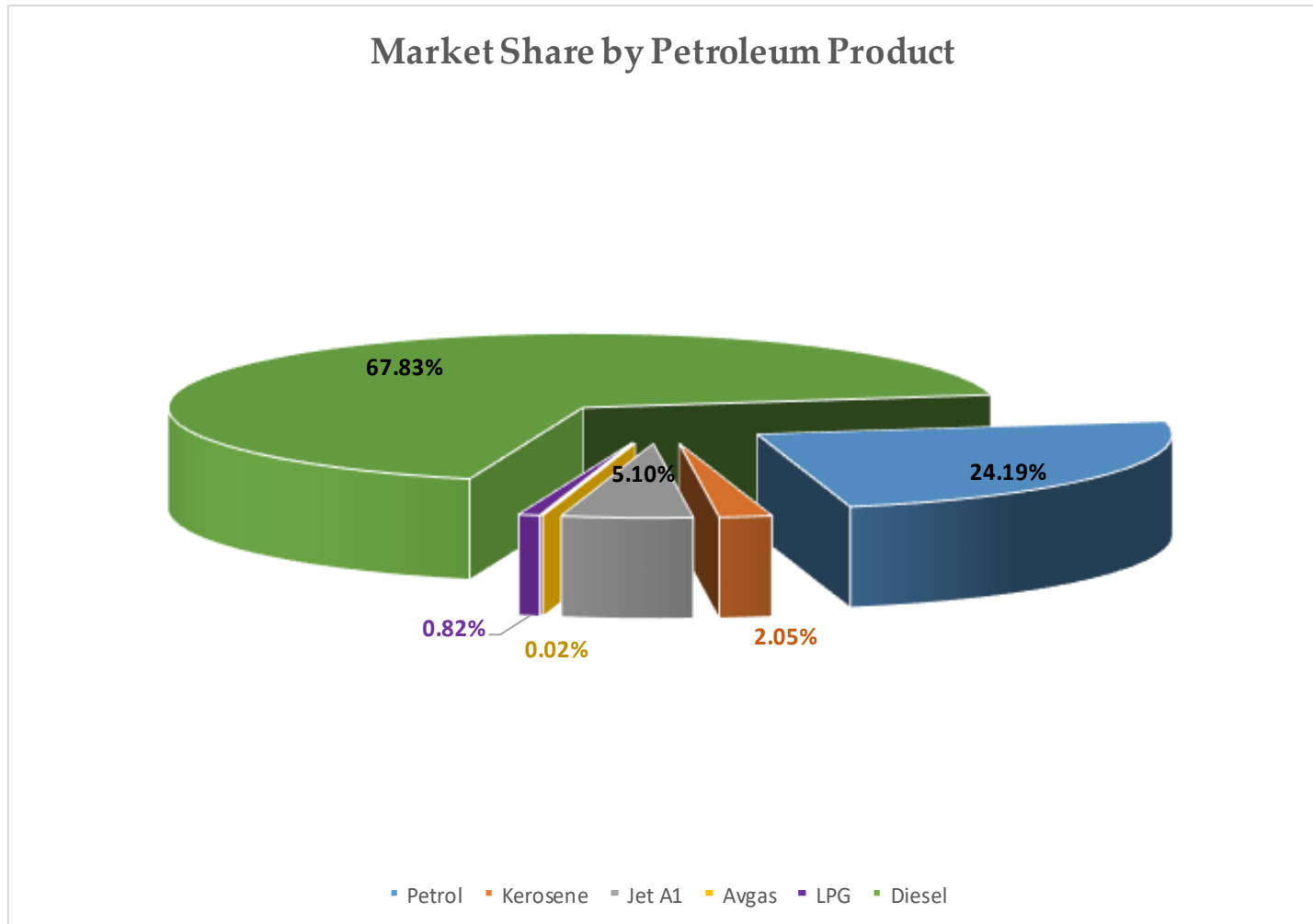
b) Storage Capacity: 1,413,345.88 m³

c) Natural Gas

- Total Reserves > 170 TCF
- Production: 180,000,000.00 GJ/Y
- Exportation: 143,000,000.00 GJ/Y



4. Petroleum products - Market Share (2022)





5. Car Fleet in the Country



- ❑ The total number of vehicles in the country is around 1.219.314 (2022).
- ❑ 2.926 of vehicles that the country holds are CNG powered engine (2022).



6. Clean Fuels in Mozambique



Mozambique has made many efforts to move for clean fuel through implementation of different actions where they highlight the following:

- Elimination of leaded petrol since 2006;
- Reduction of Sulphur content into and diesel from 2000 to 500ppm in 2005; and
- Decree nr. 18/2014 of June 2: Environmental quality and Emission standards.



7. Low Sulphur Diesel



- ❑ Mozambique hosts in November, 2016 Sub-Regional Workshop on Promotion of Clean Fuels and Vehicles where all region countries were recommended to make migration from 500 to 50 ppm Sulphur content diesel by June, 2017.
- ❑ In 2017, Mozambique migrated to 50ppm Sulphur content diesel, since then; all region countries which use its storage facilities also migrated to 50 ppm.
- ❑ New fuel specifications were also approved in 2017 and updated in April, 2023.



8. Other Actions to promote clean fuels



- ❑ The use of CNG for vehicles was introduced in 2005.
- ❑ The Government has promoted the use of vehicles powered by Compressed Natural Gas(CNG), including the construction of CNG filling stations.
- ❑ The Government approved in 2022 the strategic plan of replacing gradual the imported fuels by biofuel produced locally.
- ❑ In 2017 was approved new taxes regime for imported vehicles which defines that:
 - i. **New and used vehicles up to 7 years pay 5%.**
 - ii. **Used vehicles over 7 years pay from 10 to 30% depending on the size of car engine.**



9. Challenges



- The migration from 50 to 10 ppm Sulphur diesel content in the medium term through harmonization with region countries.
- Implementation of a fuel quality control program to check fuel parameters in filling stations.
- Reduction of the dumping of transit products into the local market and adulteration of gasoline & diesel with lower tariff Kerosene.



THANK YOU!



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