

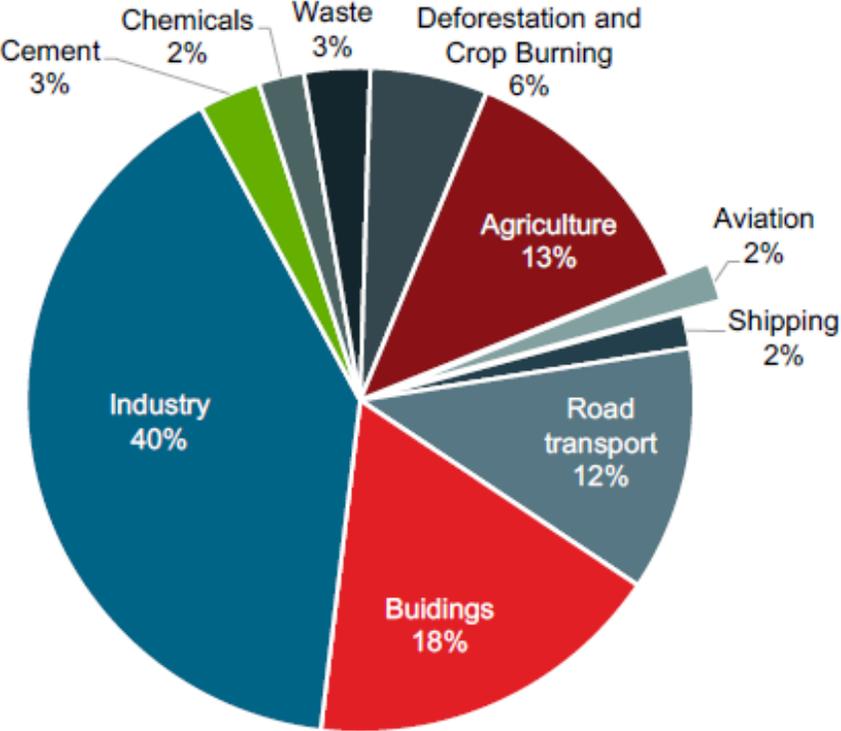


Decarbonizing Sustainable pathways for African Aeroplane Operators.

Presentation by AFRAA

19 May 2022

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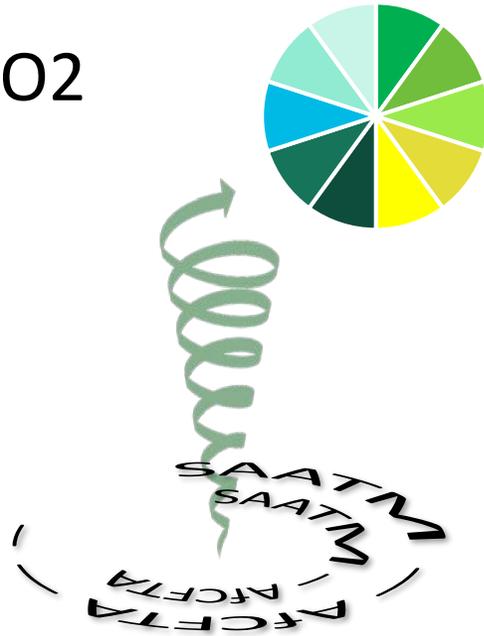
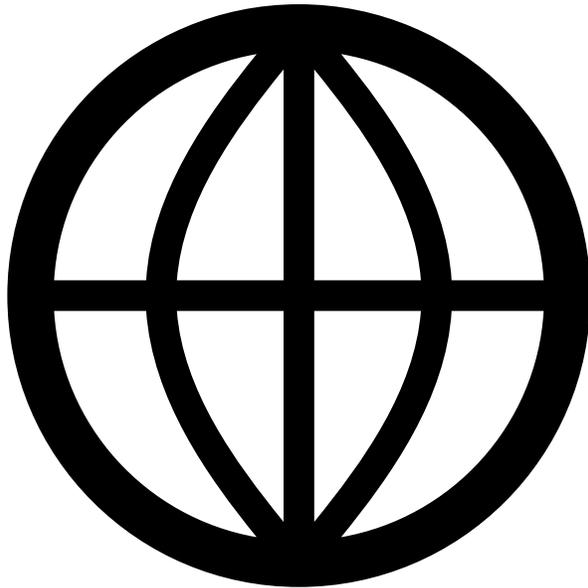


“According to ATAG Aviation contributes 2% of man-made CO2

Figure 3 – Source of man-made CO₂ emissions.
(Source: ATAG Fact Sheet #2, Aviation and climate change²)

Air Transport CO2 Emissions

2 % of Man-made CO2



Africa share: 2% of global market

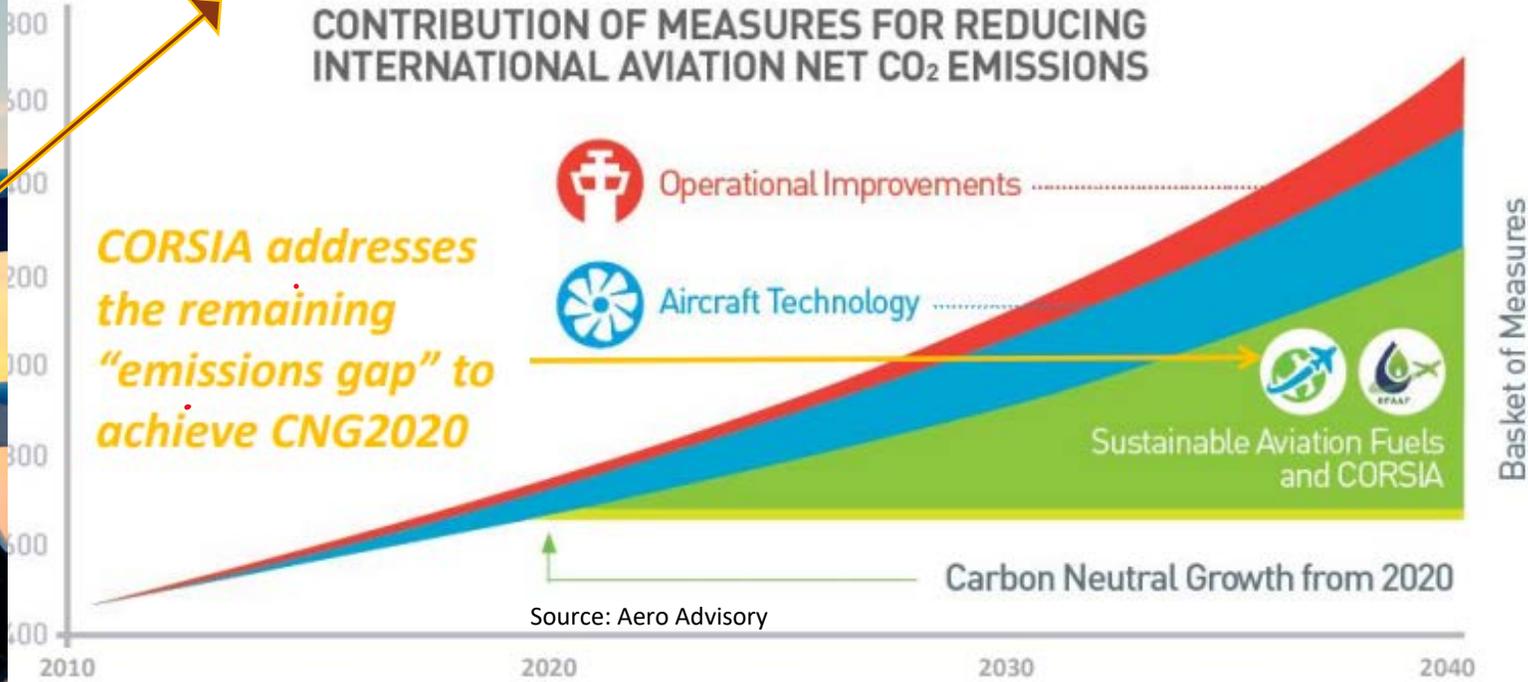


Africa global air Transport must increase & African operators' decarbonization pathways aligned with Aviation Industry strategies

Decarbonizing Sustainable pathways for African Aeroplane Operators.



FRA: Short to medium term



SAA pioneered the use of blend-in bio-fuel in a flight ops demonstration between Johannesburg and Cape Town.

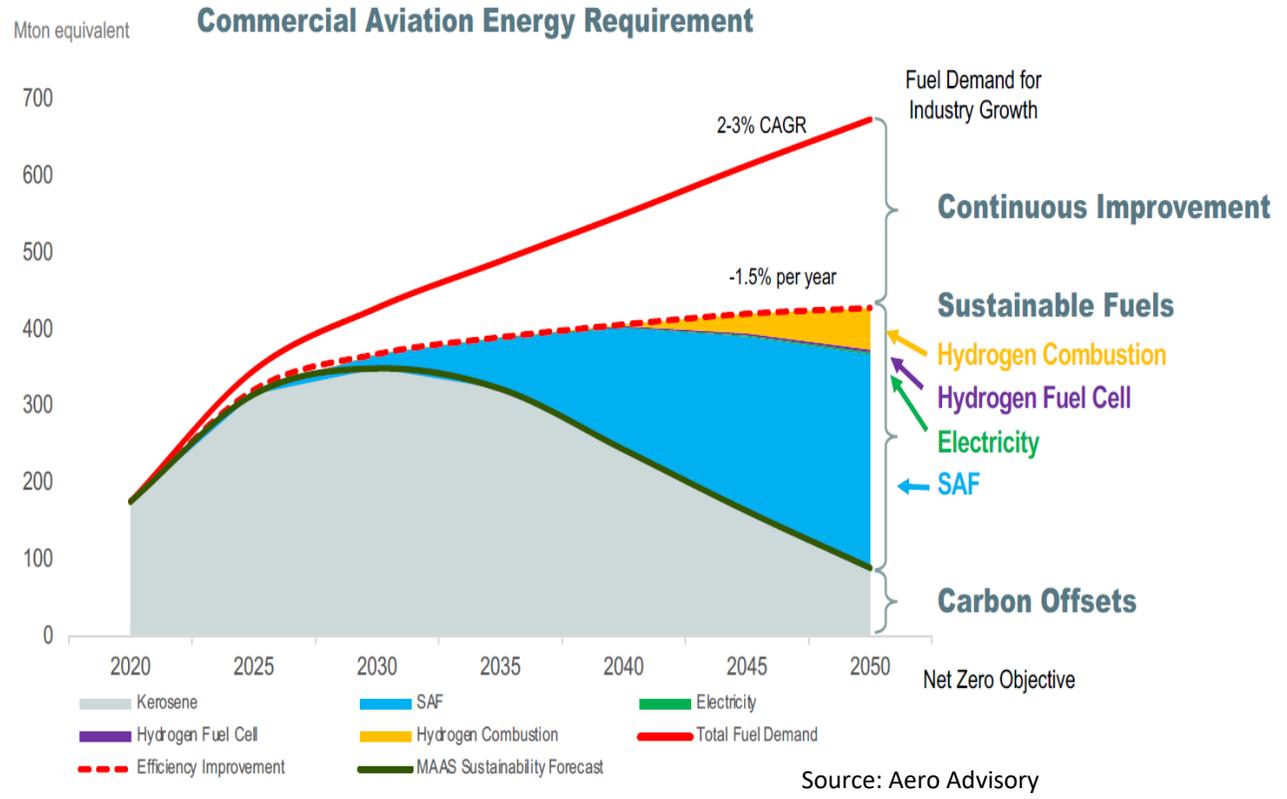


Figure 1 – Commercial Aircraft Kerosene-equivalent Demand 2020-2050

THE WAY FORWARD AND NEXT STEPS

- As States relieve restrictions on travels worldwide, African airlines are recovering their networks prior to COVID-19 with focus in the Region on continuous operational improvement measures which reduce fuel, reduce CO₂.
- Ongoing CCOs, CDOs along SIDs and STARs.
- An appeal for FRA in Africa entire in short airspace in short and medium terms to further reduce fuel and CO₂ emissions to contribute in operational efficiency gains to better support intra-Africa trade and tourism development.

In long term, as African operators become competitive, they will follow the aviation agreed measures for decarbonization toward the Net Zero Objective:

- Implement continuous improvement;
- Acquire new technology aircraft;
- Use Sustainable Alternative Fuels as they become operational.

THANK YOU



Better Skies for Africa

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