



Executive Interview 1

Environment: The Path for African Air Transport industry to Achieve Net Zero Emissions by 2050





CO2 Emissions facts & figures



2.1% The global aviation industry produces around **2.1%** of all human-induced carbon dioxide (CO2) emissions.

12% Aviation is responsible for **12%** of CO2 emissions from all transports sources, compared to 74% from road transport.

35% While air transport carries around 1% of the volume of world trade shipments, it is over **35%** by value – meaning that goods shipped by air are very high value commodities, often times perishable or time-sensitive.

915 million tonnes

Worldwide, flights produced 915 million tonnes of CO2 in 2019. Globally, humans produced over 43 billion tonnes of CO2.



Air Transport Industry Response



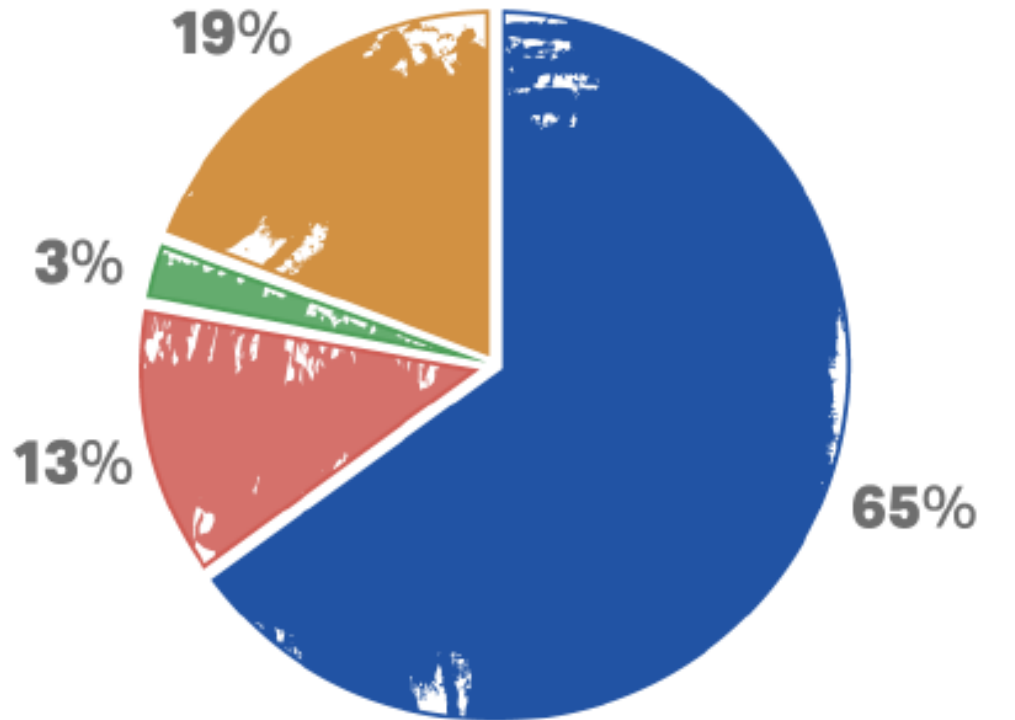
Net Zero 2050

By 2050, global civil aviation operations will achieve net-zero carbon emissions.





Target aligned with Paris Agreement goal to keep global warming under 1.5°C



Goals and pillars of action for Aviation's global climate strategy



- Sustainable aviation fuel
- New technologies
- Infrastructure/operations
- Offsetting/carbon capture

-  **Technology**
-  **Operations & Infrastructure**
-  **Sustainable Aviation Fuels**
-  **Market-Based Measures**



What are the targets and actions to achieve net zero by 2050?

