



**AFCAC AND ECAC JOINT ENVIRONMENTAL
WORKSHOP ON THE ICAO LONG-TERM GLOBAL
ASPIRATIONAL GOAL (LTAG)**

29 November, 2022

**What is the true size of
Africa?**



Size:

30 million square km

AU Priorities:

Agenda 2063 flagship projects
(SAATM, AfCFTA, African Passport
and Free Movement of Persons)

=

Outcomes:

- Accelerating Africa's economic growth and development
- Projected growth of 4% for African aviation (2018-2050)



United States
(contiguous)



Europe



India



Japan



China



AFCAC
African Civil Aviation
Commission

What is Africa's contribution in Aviation Environmental Protection?



AFCAC
African Civil Aviation
Commission

CORSIA – CURRENT SITUATION

CORSIA – A Global Market Based Mechanism to reduce emissions from international aviation.

Current Situation in Africa - VOLUNTARY participation of African States in CORSIA

From January 2021 – 17 African States
From 1 January 2022 – 20 African States
From 1 January 2023 – 21 African States

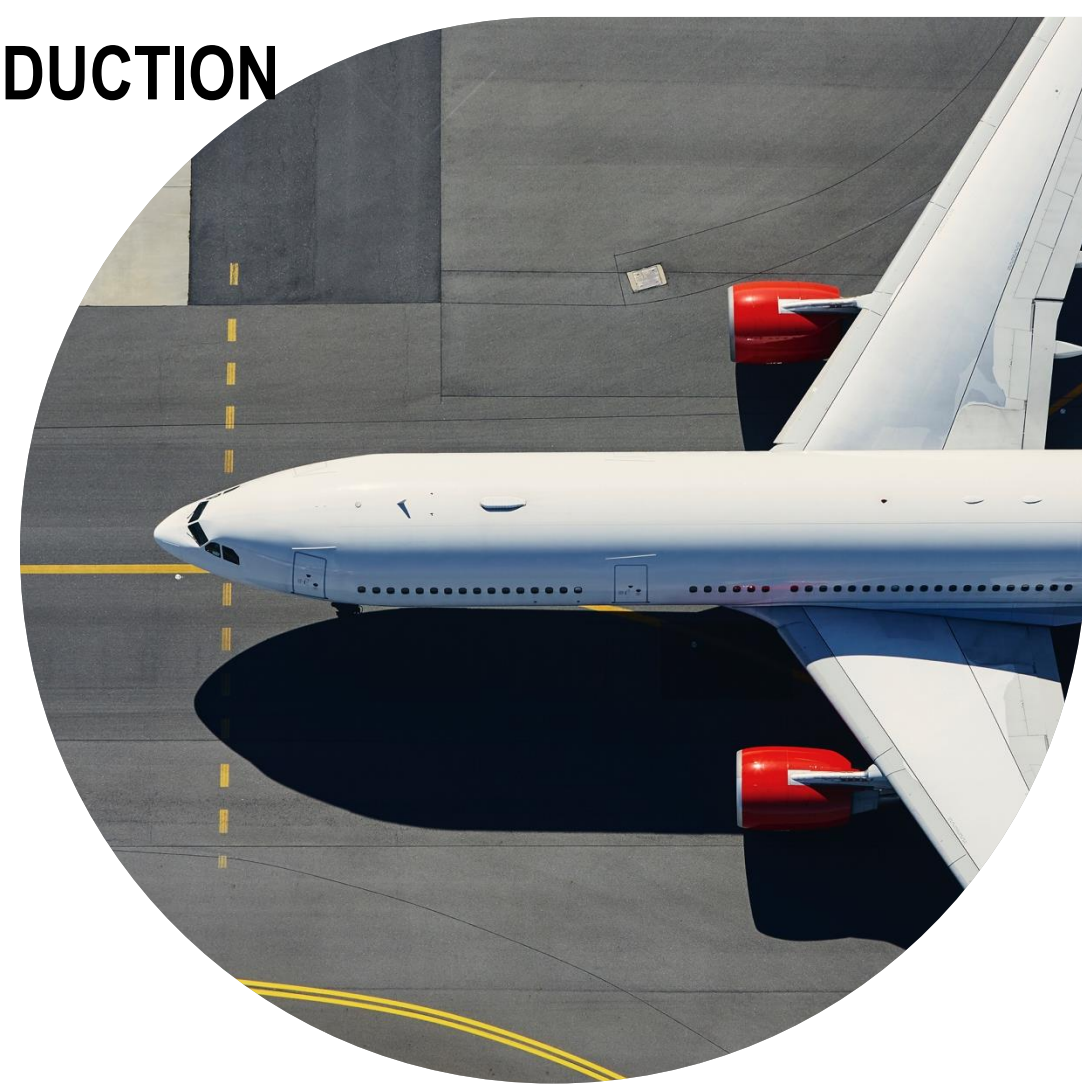


STATES ACTION PLANS (SAPs) FOR CO2 REDUCTION ACTIVITIES

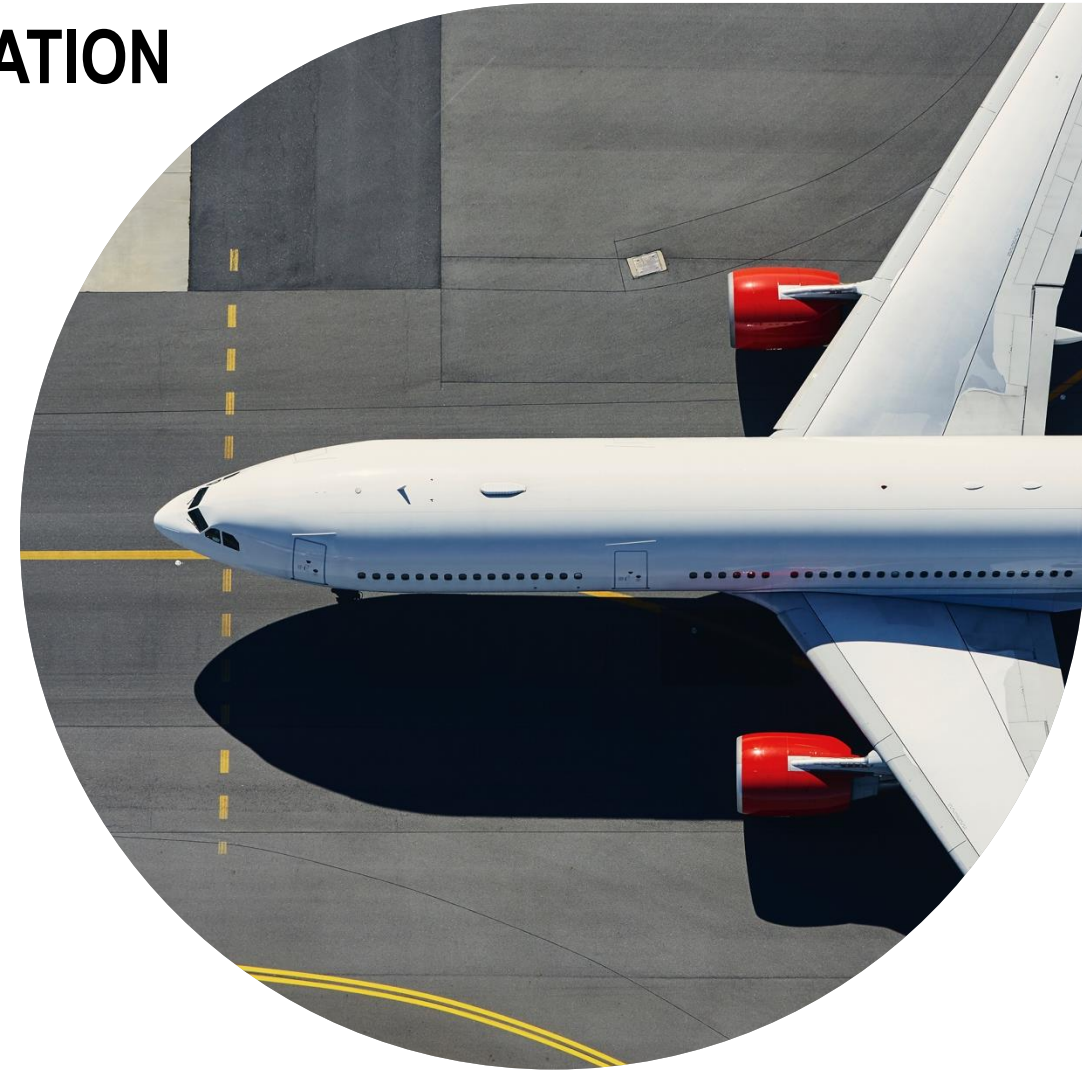
Current Situation in Africa – Submission SAPs by African States

39 African States have submitted their
SAPs on different years

**Some are up to date and some need a
review**



SAF – CURRENT SITUATION

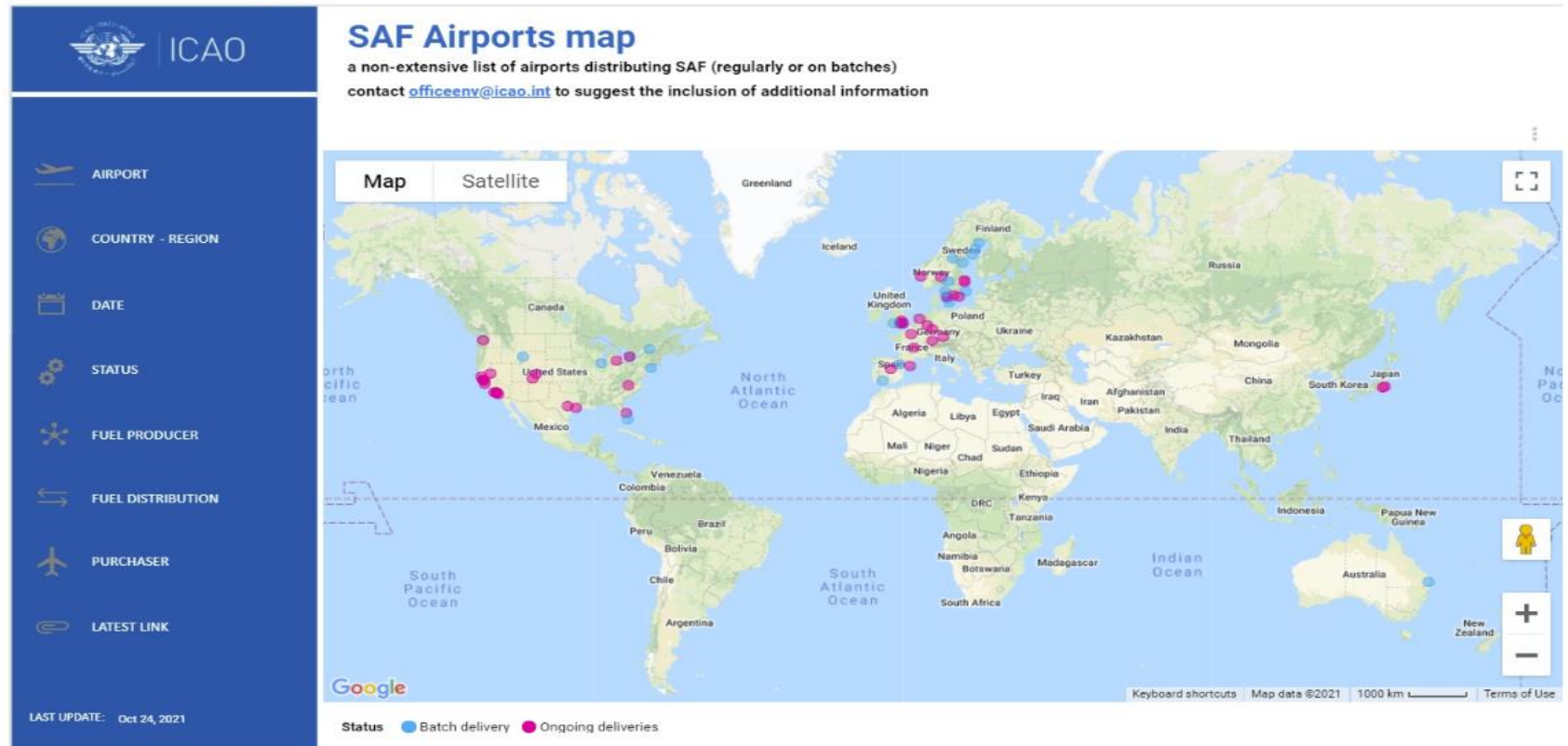


SAF – THE STORY OF AFRICA

Airports

Many airports are now offering Sustainable Aviation Fuels, either continuously or in batches. The map and table below provides further details on these initiatives to deploy SAF.

Contact officeenv@icao.int for comments or suggestions.

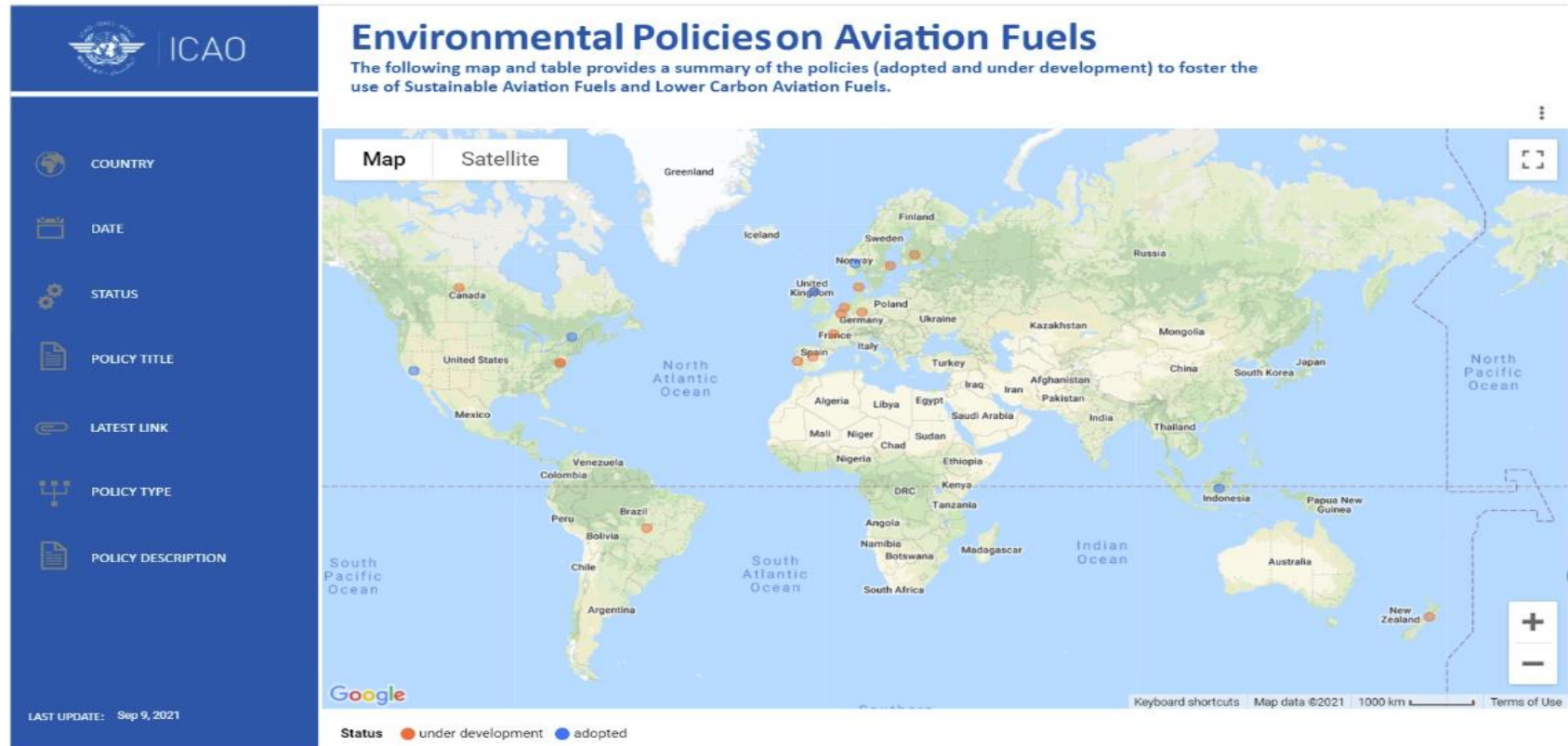


SAF – THE STORY OF AFRICA

Environmental Policies on Aviation Fuels

The following map and table provides a summary of the policies (adopted and under development) to foster the use of Sustainable Aviation Fuels and Lower Carbon Aviation Fuels.

Please contact officeenv@icao.int to suggest the inclusion of further information.



SAF – THE STORY OF AFRICA

Global momentum for SAF is picking up.

Geographical disparity in SAF production sites

=

Threat to efforts to achieve net zero carbon emissions by 2050 in line with ICAO Assembly Resolution on LTAG



Challenges to SAF production in Africa do?



SAF – THE STORY OF AFRICA

Economic/Financial:

Cost of investments in SAF production sites

Technical Capacity:

Technical or human resources in most countries need to be increased

Harmonized Approaches/Policies

A harmonized policy approach at the continental level to leverage on existing opportunities in the different African countries



What must Africa do?



AFCAC
African Civil Aviation
Commission

PRIORITIES



AU Mandate - “to enhance Regional and Continental efforts for accelerated integrated infrastructure development and the effective and sustainable deployment of energy resources”



AFCAC
African Civil Aviation
Commission

PRIORITIES – SINGLE AFRICAN AIR TRANSPORT PILOT IMPLEMENTATION PROJECT (SAATM PIP)

SAATM PIP –

15 Countries selected as pilot. 3 volunteered hence a total of 18 States

Increase the percentage of fifth freedom penetration in intra-Africa market from 14,5% to 30% by 2025.

Objective:

Acceleration of deployment of Sustainable Aviation Fuels to support Air Transport growth in Africa and the LTAG.

THROUGH:

Partnerships

- Feasibility Studies for all African States
Investments and Technology transfer
=

TRANSFORMATION!



AFCAC
African Civil Aviation
Commission

A large commercial airplane is shown from a top-down perspective on a runway. The aircraft is white with red engines and is positioned horizontally across the frame. The runway has yellow dashed lines. A semi-transparent green circle is centered behind the airplane. A thick green horizontal bar passes through the middle of the image, behind the text. The text 'THANK YOU' is written in white, bold, sans-serif capital letters across the fuselage of the airplane.

THANK YOU