

# AFCAC-EASA Webinar of the series on Sustainable Aviation Fuel.



7 July 2025

## Building Africa's SAF Ecosystem: From Feedstocks to Certification





# Aviation Decarbonization – Global Snapshot

## ICAO Cleaner Energy Tracker Tools



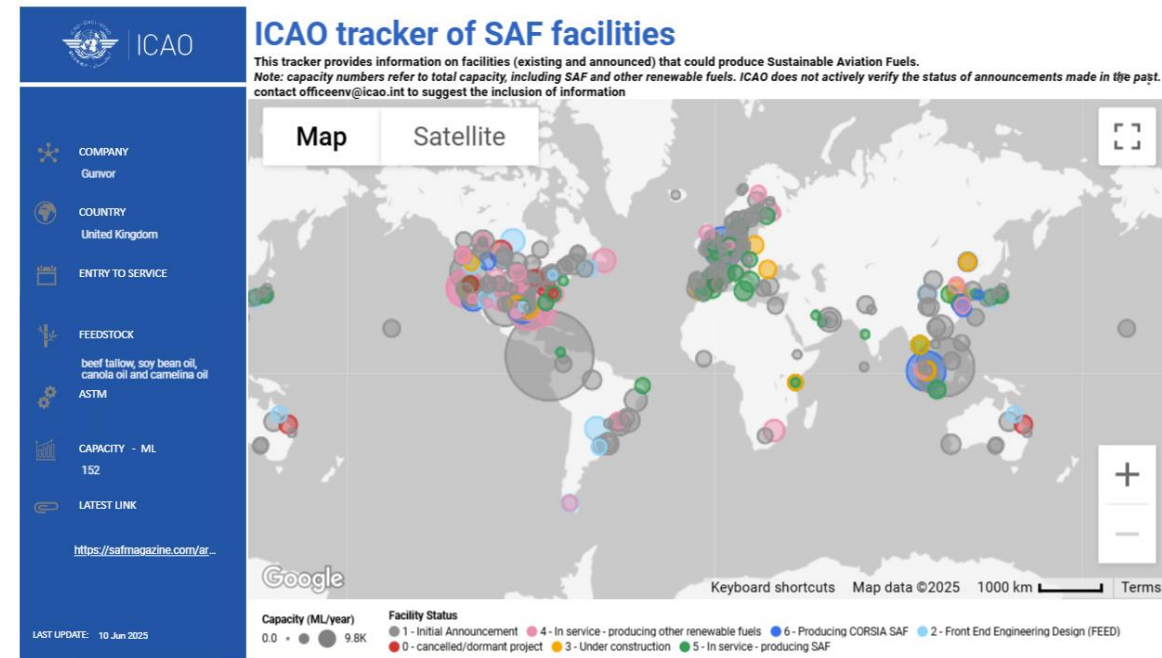
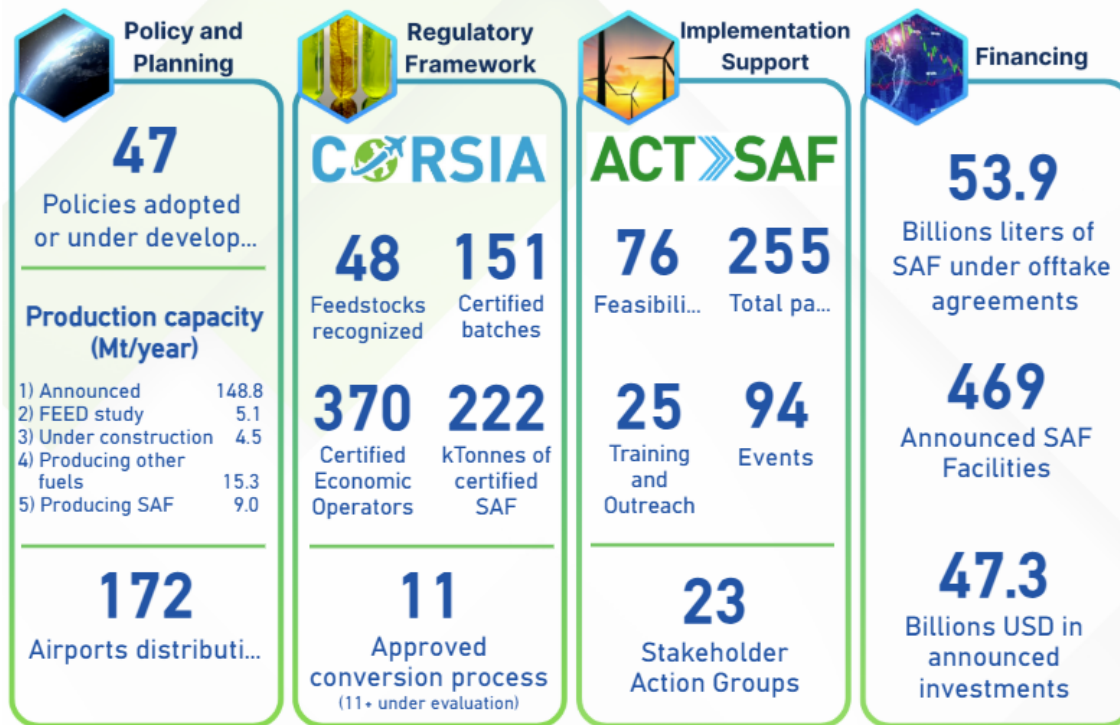
ICAO adopted a Vision to reduce CO<sub>2</sub> emissions in international aviation by **5 per cent by 2030 through the use of SAF, LCAF, and other aviation cleaner energies**

This requires **23 million tonnes (Mt)** of cleaner energies use in international aviation on 2030

(source: LTAG report data)

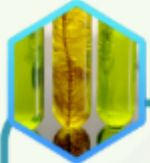
This aviation cleaner energy trackers monitors progress under the ICAO Global Framework on this building blocks

(Click on each number to open the full Tracker dashboard)





# Feedstock and Certification



## Regulatory Framework

**CORSIA**

**49**

Feedstocks  
recognized

**151**

Certified  
batches

**370**

Certified  
Economic  
Operators

**222**

kTonnes of  
certified  
SAF

**11**

Approved  
conversion process  
(11+ under evaluation)

Recognizing that the production of SAF, LCAF and other aviation cleaner energies is currently concentrated in a small number of States. The global framework intends to emphasize the benefits for States and ICAO in working toward the decentralization of such fuel production across all States and regions, providing a fair and equal opportunity to participate across the value chain, from **feedstock** to fuel production and use;

Recognizing that no single fuel source will be produced at a level necessary to achieve the LTAG. Accordingly, the global framework needs to be flexible and not exclude any particular fuel source, pathway, **feedstock** or technology that meets the CORSIA agreed criteria;

In the interests of providing regulatory transparency, certainty, stability and assurances of environmental integrity to **feedstock** producers, fuels producers and financial institutions, the CORSIA sustainability criteria, sustainability certification, and the methodology for the assessment of life cycle emissions used for 'CORSIA eligible fuels', should be used as the accepted basis for the eligibility of SAF, LCAF and other aviation cleaner energies used in international aviation.

ICAO, States and industry are encouraged to enhance efforts to increase the number of ICAO approved Sustainability Certification Schemes, in all regions, to accelerate the sustainability certification of qualifying SAF, LCAF and other aviation cleaner energies in line with the CORSIA requirements, without excluding any particular fuel source, pathway, **feedstock** or technology. In this regard, ICAO, with technical and neutral contributions of CAEP, is encouraged to accelerate the development and approval of new Sustainability Certification Schemes for SAF, LCAF and other aviation cleaner energies and to accelerate the analysis and approval of life cycle values for new fuel sources and pathways.

ICAO's approved Sustainability **Certification** Schemes to accelerate the sustainability **certification** of qualifying SAF, LCAF and other aviation cleaner energies in line with the CORSIA requirements; and



## A Call to Action for Africa

### Regional Feedstock Supply chain approach

- Create cross border feedstock aggregation at scale for SAF/LCAF production among States
- Joint application for feedstock certification

### Supporting Policy & Regulatory harmonization

- Africa continental SAF/LCAF Strategy implementation.
- Leverage on AU Agenda 2063 initiatives e.g AfCFTA for trade

### Infrastructure development & partnerships

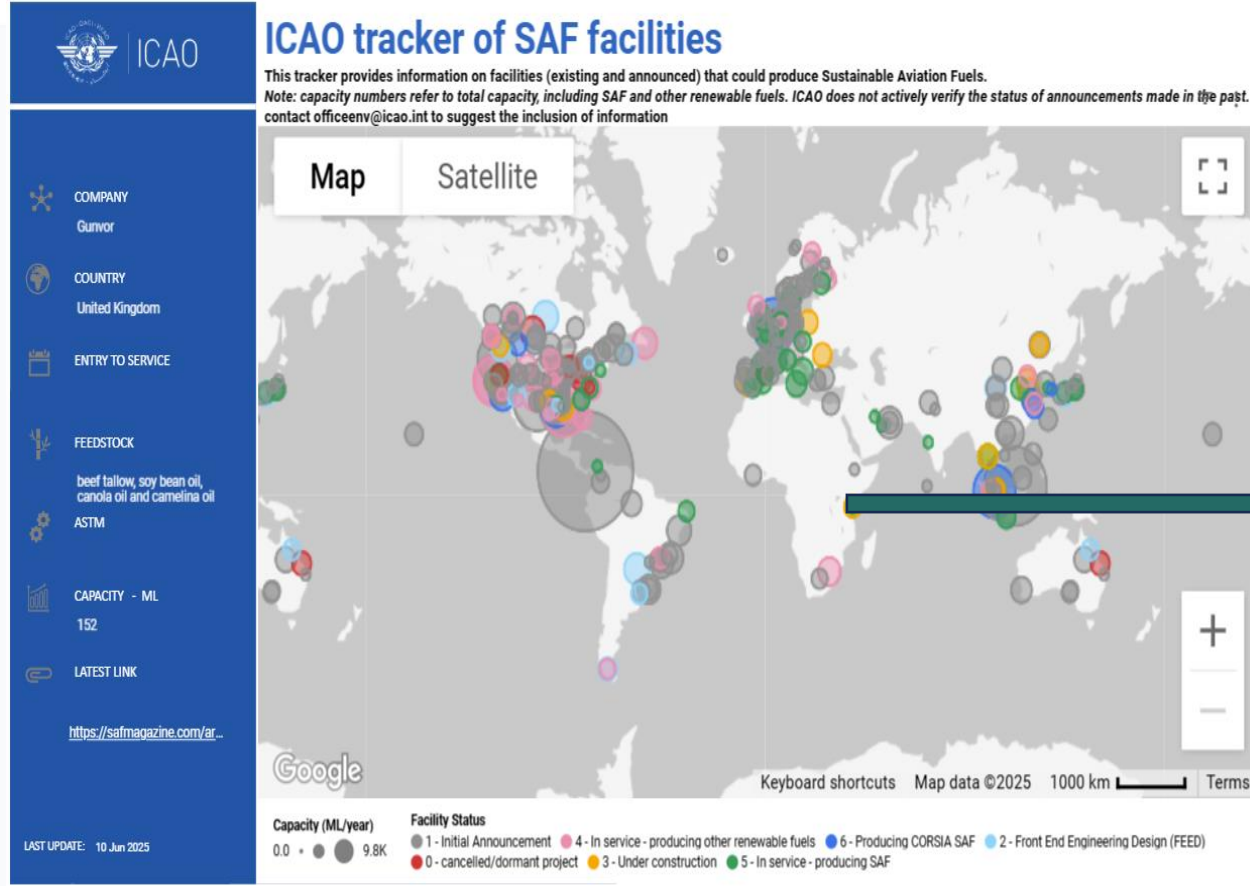
- Improve infrastructure for feedstock aggregation, SAF/LCAF production among States
- Joint proposals for funding from MDBs, financial institutions

### Joint Research and Capacity enhancements

- Collaborations among cross border agencies and institutions, government ministries in States

### Others?

# Forward Looking



5% CO<sub>2</sub>  
reduction by  
2030 using  
SAF/LCAF?





# African Aviation Transformed

Thank You



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