

CORSIA as the accepted basis for aviation cleaner energies


- CORSIA is the global market-based measure to reduce and offset CO₂ emissions from international aviation.
- CORSIA provides the harmonized regulatory framework ensuring the environmental integrity of CORSIA Eligible Fuels (CEFs), which an aeroplane operator can use to reduce its offsetting requirements.

CEFs are CORSIA sustainable aviation fuel (SAF) or CORSIA lower carbon aviation fuel (LCAF), that meet the CORSIA sustainability criteria.

49 feedstocks are currently recognized under the scheme, including recent additions of beef tallow, poultry fat, lard fat, mixed animal fat, nonstandard coconut, wheat starch slurry, and cobs. **Additional feedstocks are expected to be approved in November 2025** to accelerate the CEF scale-up.



14 Sustainability Themes

1. Greenhouse Gases (GHG)	
2. Carbon stock	
3. GHG reduction permanence	
4. Water	
5. Soil	
6. Air	
7. Conservation	
8. Waste and Chemicals	
9. Seismic and Vibrational Impacts (only for LCAF)	
10. Human and labour rights	
11. Land use rights and land use	
12. Water use rights	
13. Local and social development	
14. Food security	

Life Cycle Emission Values of CEF with CORSIA as the Globally Harmonized Framework

Default Life Cycle Emissions Value

The ICAO document '[CORSIA Default Life Cycle Emissions Values for CORSIA Eligible Fuels](#)' provides default life cycle emissions values for CEFs, as a function of the feedstock, conversion process, and production region of the SAF.



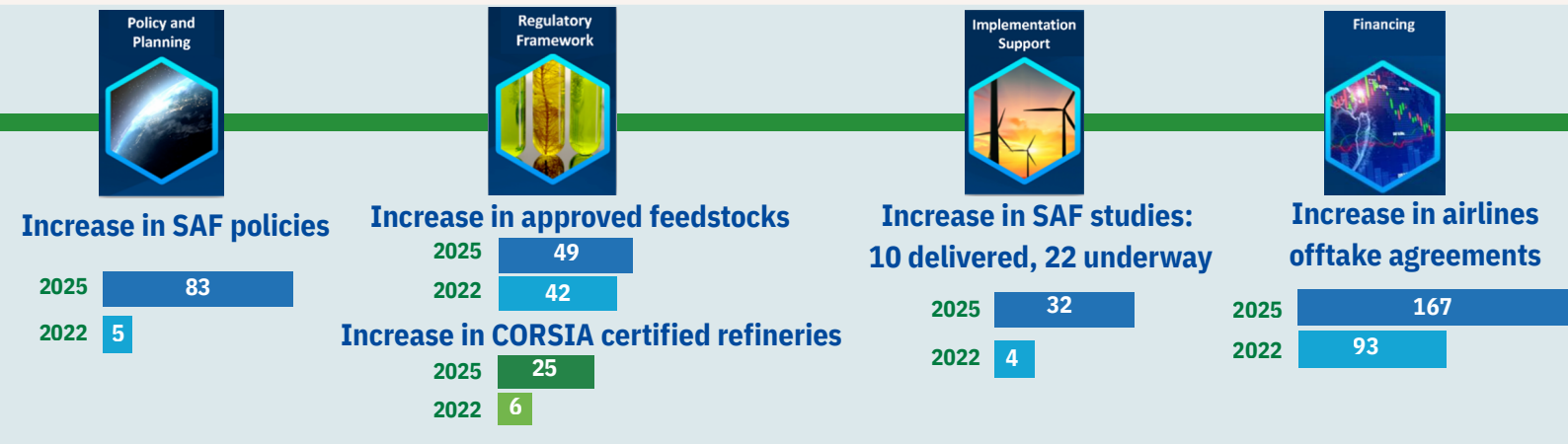
Actual Life Cycle Emissions Value

The ICAO document '[CORSIA Methodology for Calculating Actual Life Cycle Emissions Values](#)' provides guidance for fuel producers to determine the actual life cycle emissions values for CEFs and, when supported by robust data, to claim values lower than the default ones.



Progress Achieved

The total amount of CORSIA-certified SAF produced in 2024 was **181,263 T**, according to annual reports from the CORSIA-approved Sustainability Certification Schemes (SCSs), as showcased in the **new ICAO CORSIA Certified Fuels dashboard**.



Measures to avoid double claiming of CEFs

CORSIA Monitoring, Reporting and Verification (MRV) framework requires aeroplane operators to report emissions reductions from CEFs that claim under CORSIA and confirm that the same CEF batches have not been used in other schemes.