



ICAO

ENVIRONMENT

COP30 - BELÉM, BRAZIL



International Aviation Goals and Achievements

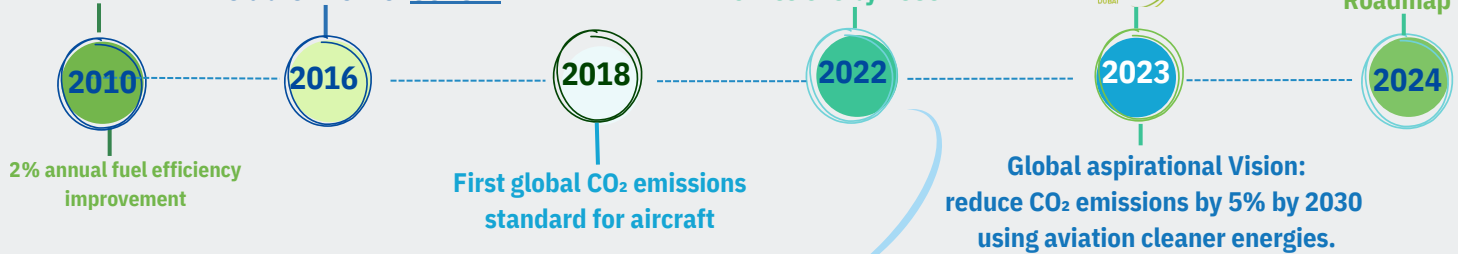
Carbon neutral growth from 2020

Establishment of CORSIA

Long-term Global Aspirational Goal (LTAG): net-zero carbon emissions by 2050

CAAF/3

ICAO Implementation Roadmap



LTAG REPORT (2022)



The most ambitious scenario estimates total of **87% CO₂ reduction in 2050** from aviation “in-sector” measures.

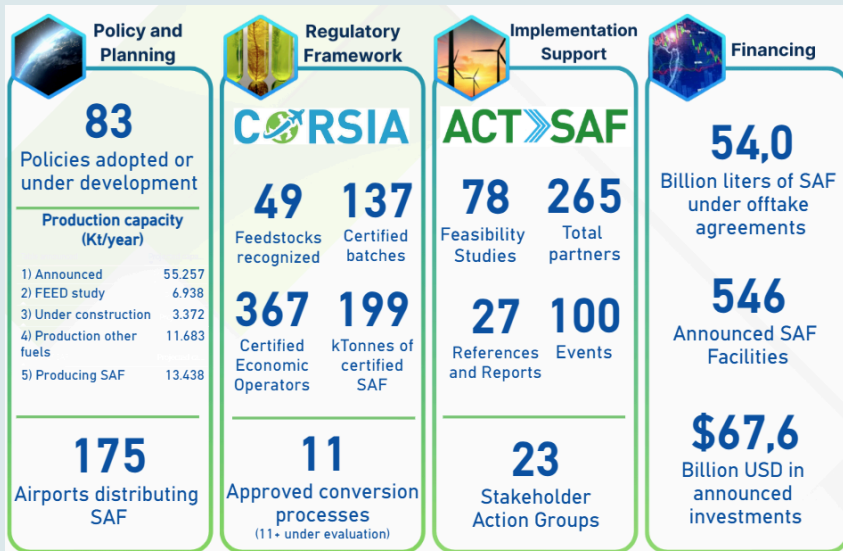
- 55% from **Fuels**
- 21% from **Technology**
- 11% from **Operations**

ICAO's Environmental Protection webpage



Progress on Aviation Cleaner Energies across four building blocks

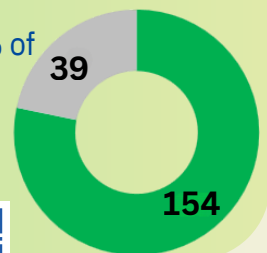
ICAO Cleaner Energy Tracker Tool



	Offtake agreements (billion liters/year)	Airports distributing SAF	SAF policies
A41 (2022)	15	82	25
A42 (2025)	54 (+260%)	175 (+113%)	83 (+232%)

State Action Plans

154 States representing **99.30%** of global RTK have voluntarily submitted State Action Plans to ICAO.



■ States Submitted
■ States left to submit

Snapshot on 31 October 2025

Over this triennium, we have seen **remarkable progress** in SAF developments, including on SAF offtake agreements, distribution at airports, and supporting policies worldwide.

ACT»SAF

- >30 SAF feasibility and business implementation studies delivered, under development or planned.
- **ACT-SAF Knowledge Hub:** collects all information to share the latest SAF developments.
- Support to **SAF regulatory development**.
- **20 Episodes** of ACT-SAF Training Series available at ICAO.TV.



SHAPE»SAF

- Support to bridge the gap between ACT-SAF Studies and Finvest Hub financing.
- Support the acceleration of project evolution, focused on technical aspects of SAF development.



INVESTMENTS FOR CLEANER ENERGY PRODUCTION

Achieving the LTAG and scaling up SAF production require investments of around **3.2 trillion USD** from 2020 to 2050, with concrete means of implementation for developing countries and States having particular needs.

FINVEST HUB

- The ICAO Finvest Hub is now open to facilitate enhanced access to public and private investment capacities for aviation decarbonisation projects. Click [here](#) or scan the QR code!
- ICAO & IRENA partnered and established together the Finvest@ETAF portal to support the submission of SAF and aviation clean energy projects

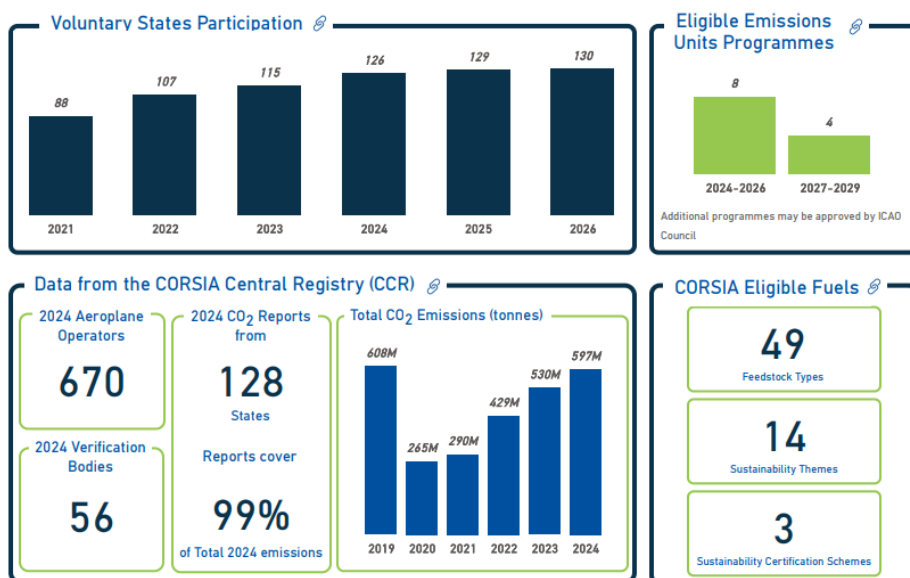


Access to 14 international financial institutions

Progress on CORSIA Implementation



CORSIA



The information presented here is based on the currently applicable editions of the ICAO documents for CORSIA implementation directly referenced in Annex 16, Volume IV and available on the ICAO CORSIA public website.

Key Milestones for International Aviation and Climate Change

