



ICAO

ENVIRONMENT



ACT-SAF

Newsletter

July 2024

The "ICAO Assistance, Capacity-building and Training for Sustainable Aviation Fuels (ACT-SAF) programme" is supporting States to develop their full potential in SAF, through specific training activities, development of feasibility studies, and other implementation support initiatives.

For more details on ACT-SAF click [here](#)

### ICAO ACT-SAF Series

The ACT-SAF Series offers training sessions held on a monthly basis. It delivers comprehensive training to ACT-SAF Partners on an array of important SAF-related topics, ranging from sustainability, to policy, economics/financing certification and logistics.

Thirteen ACT-SAF training sessions have been delivered to date, and are available at the [ACT-SAF Series](#) website.

#### ACT-SAF Series #13

The thirteenth event of the ACT-SAF Series, held on 3 July 2024, focused on providing participants with insights on SAF business implementation studies and techno-economic assessment models:



- Latest developments on ACT-SAF
- ICAO presentation on the SAF business implementation study template
- Presentation on the ICAO Rules of Thumb and related techno-economic assessment tools developed by ASCENT

The recording of this session and the presentation are now available at the [ACT-SAF Series](#) website.

#### Upcoming ACT-SAF Series

The upcoming ACT-SAF Series (date: end-August 2024) will focus on updates on 100% SAF blend testing and achievements. In particular, participants will gain a better understanding on the objectives and necessities behind the ambition of 100% SAF flights, challenges, work undertaken by industry and certification bodies, and next steps.

Stakeholders from across the aviation sector are invited to engage, learn and collaborate on advancing SAF initiatives, reinforcing the industry's united effort in reducing its carbon footprint and achieving sustainability targets.

If you wish to receive regular updates and information on the ACT-SAF Series, participate in the events, and ask questions to our speakers, you can join the ACT-SAF programme now. Participation is open to all States and Organizations interested in further action on SAF following the acceptance of the [ACT-SAF Terms and Conditions](#) ([click here for more details](#)).

## 2024 ICAO Regional Seminars on Environment

The 41st Session of the ICAO Assembly in 2022 adopted the collective long-term global aspirational goal (LTAG) for international aviation of net-zero carbon emissions by 2050, and the Third Conference on Aviation and Alternative Fuels (CAAF/3) in 2023 adopted the ICAO Global Framework on Sustainable Aviation Fuels (SAF), Lower Carbon Aviation Fuels (LCAF) and other aviation cleaner energies.

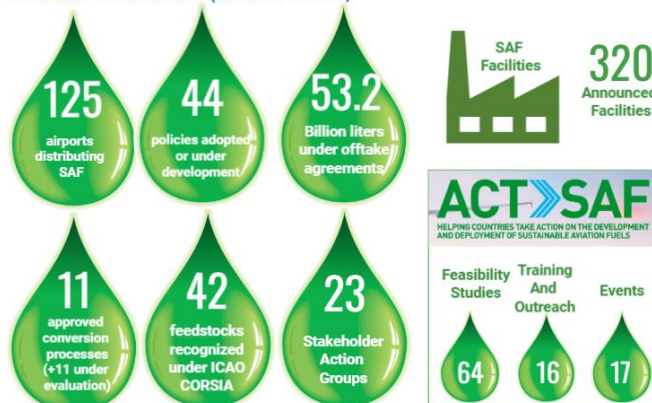
In this regard, ICAO is organizing five [Environmental Regional Seminars](#) across various ICAO regions from August-September 2024 with the objectives of raising awareness and exchanging views on the implementation of the LTAG and Global Framework, including recent developments on aviation cleaner energy policies and State Action Plans, CORSIA as the basis for the eligibility of aviation cleaner energies, implementation challenges and the ACT-SAF programme, and financing for aviation cleaner energies, as well as the means for monitoring the progress for the implementation of the LTAG and Global Framework. State Letters have been sent out.

Dates	ICAO Regions	City, Country
7 – 8 August 2024	Asia and Pacific (APAC)	Bangkok, Thailand
12 -13 August 2024	Middle East (MID)	Cairo, Egypt
20 – 21 August 2024	North American, Central American and Caribbean (NACC); South American (SAM)	Asunción, Paraguay
10 – 12 September 2024	European and North Atlantic (EUR/NAT)	Samarkand, Republic of Uzbekistan
15 - 16 October 2024 (UPDATED)	Eastern and Southern African (ESAF), Western and Central African (WACAF)	Dakar, Senegal



## ICAO SAF Tracker Tools

ICAO SAF Tracker tools (click for details)



The **ICAO SAF Tracker Tools** provide easy to access, and useful information on global SAF developments, such as SAF production facilities, airports distributing SAF, policies adopted or under development, offtake agreements and stakeholder action groups.

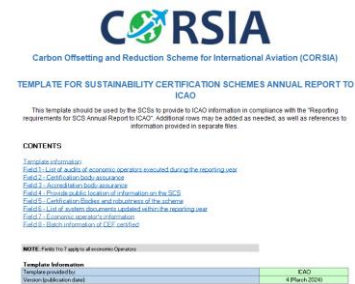
Reach out to ICAO to have your initiative reflected in the tracker. Send an email to: [officeenv@icao.int](mailto:officeenv@icao.int)

It also features **implementation support initiatives** from ACT-SAF partners, which will further enhance outreach, and coordination of efforts across partners and stakeholders.

## Progress on certification of CORSIA Eligible Fuels

The CORSIA-Approved Sustainability Certification Schemes (SCSs) have submitted reports covering their certification activities in 2023. These reports are now available on the [CORSIA website](#), and they show a substantial increase of in the certification of CORSIA eligible fuels: the number of certified CORSIA SAF batches increased from 9 to 30 batches, totaling 11.2 kilotonnes (kT) of CORSIA SAF, compared with 1.5kT certified in 2022. The number of CORSIA-certified economic operators, including feedstock producers, traders and fuel producers, also increased from 41 to 98.

The reports provide information on the certifications performed up to 31st December of 2023. More up to date information is available on the websites of the ICAO-approved SCSs ([ISCC](#) and [RSB](#)).



## Latest information captured in the Trackers and ACT-SAF Platform

### ICAO – COCESNA Webinar ‘Driving a Sustainable Future in International Civil Aviation’

- Following the participation of the Central American Corporation for Air Navigation Services (COCESNA) in ACT-SAF; ICAO, jointly with the ICAO NACC Regional Office and COCESNA, organized a webinar on ‘Driving a Sustainable Future in International Civil Aviation’ on 17 July 2024
  - More than 50 participants from the civil aviation authorities of Belize, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru and Spain; air operators, COCESNA, EASA and other international organizations attended the event
  - With these activities, COCESNA will further promote its efforts in its ‘Alliance for Sustainable Aviation (ALAS)’ initiative, seeking the developments in the region for SAF, SAF-LCAF as key elements in decarbonization of the sector



### Deep-dive webinars by RSB on SAF

- [SAF-now](#) – educational resource to provide decision-makers with information relevant to making the switch to SAF
  - 4 part webinar series concluded in June 2024:
    - Webinar 1 - SAF: The future in flight
    - Webinar 2 - Raw materials: The building blocks of SAF
    - Webinar 3 – Power-to-X: A new pathway for SAF
    - Webinar 4 – Book & Claim: Unlocking SAF supply today

### Upcoming events by IATA

- [IATA World Sustainability Symposium \(WSS\)](#)
- 24-25 September 2024, Miami USA
- Brings together industry and governments to debate and discuss key enablers for aviation’s successful decarbonization



### Upcoming training offered by ISCC

- [ISCC CORSIA Training](#)
- Provides training in September 2024 focused towards Certification Bodies and its auditors, and open to all interested parties:
  - Regulatory framework for CORSIA Eligible Fuels



- Comprehensive information on ISCC CORSIA certification systems

### Analysis paper on e-fuels

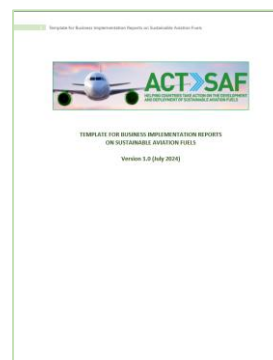
- International PtX Hub and Agora Verkehrswende publishes [analysis](#) on defossilising aviation with e-SAF
- Examines role of synthetic e-SAF in transitioning aviation away from fossil fuels. Provides an overview of the current state of research, and gives insights from technology, and policy, to concrete market opportunities.



## ACT-SAF Business Implementation Template

As a follow up to the ACT-SAF feasibility study template/guide, ICAO is finalizing a draft template to support SAF business implementation. This provides additional support to States where preceding studies have already identified SAF feedstock/pathway prospects, facilitating future final investment decisions to drive the start of concrete SAF projects. In doing so, the template supports the ICAO Global Framework for SAF, LCAF and other Aviation Cleaner Energies, in particular in Building Block 3 – Implementation Support, in supporting a ‘project’s readiness to attract investment, including training on financial aspects of project development, financial planning and investment promotion’ (Paragraph 18g), and Building Block 4 – Financing, to ‘initiate specific measures or mechanisms so as to facilitate, in particular for developing countries and States having particular needs, better access to private investment capacities, as well as funding from financial institutions’ (Paragraph 26a).

### Business Implementation template



ICAO extends its appreciation to Kenya, Spain, Air Company, Airbus, IATA, Oneiros Aerospace Limited, SAF Investor, SFS Ireland, and all our other ACT-SAF partners who have contributed to the preparation of this Template.

## Other Events

The **2024 ICAO Symposium on non-CO<sub>2</sub> Aviation Emissions** (16-18 September 2024) aims at raising awareness on non-CO<sub>2</sub> emissions from aviation operations, and creating synergies across different stakeholders. The **three-day event will be held in-person, at ICAO Headquarters, Montréal, Canada**, and will focus on taking stock of the scientific knowledge on non-CO<sub>2</sub> effects and sharing the work undertaken by all relevant stakeholders, as well as exploring future activities and measures to potentially mitigate and address these effects, considering the existing scientific uncertainties. [Registration is open!](#)



The **2024 ICAO LTAG Stocktaking on Aviation CO<sub>2</sub> Emissions Reductions** (7-10 October 2024) will be held **in-person**, at **ICAO Headquarters, Montréal, Canada**, and will build upon the continued success of the annual ICAO Stocktaking events held since 2019, providing a response to the 41st Session of the ICAO Assembly’s request to monitor the progress towards the achievement of the collective LTAG for international aviation of net-zero carbon emissions by 2050, as well as the Third Conference on Aviation and Alternative Fuels (CAAF/3) request to monitor the

implementation of the ICAO Global Framework on SAF, Lower Carbon Aviation Fuels (LCAF) and other aviation cleaner energies. [Registration is open!](#)



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*For more information, visit the ICAO website: [www.icao.int](http://www.icao.int)*