



SAFE SKIES.
SUSTAINABLE FUTURE.

Agenda Item 6: Advancing the LTAG

Blandine Ferrier

Regional Officer Environment, ICAO

EUR/NAT-DGCA/2025
Paris, France, 17 June 2025



ICAO Capacity Building Activities

3

The EUR/NAT Office carries out a number of capacity-building and assistance activities. These assistance activities are most often related to the ICAO State Action Plan Initiative, CORSIA implementation and supporting the new programme related to Sustainable Aviation Fuels : ACT-SAF.

since 2018 – ENV TF
Support to other
regions MID and
WACAF

Capacity
building
activities

ENV
Task Force
meetings

Virtual and face to face
meetings SAPs, CORSIA,
Green Airports,
promoting ACT SAF, ENV
Tools, etc.

Support
Partnerships with
France and
Germany



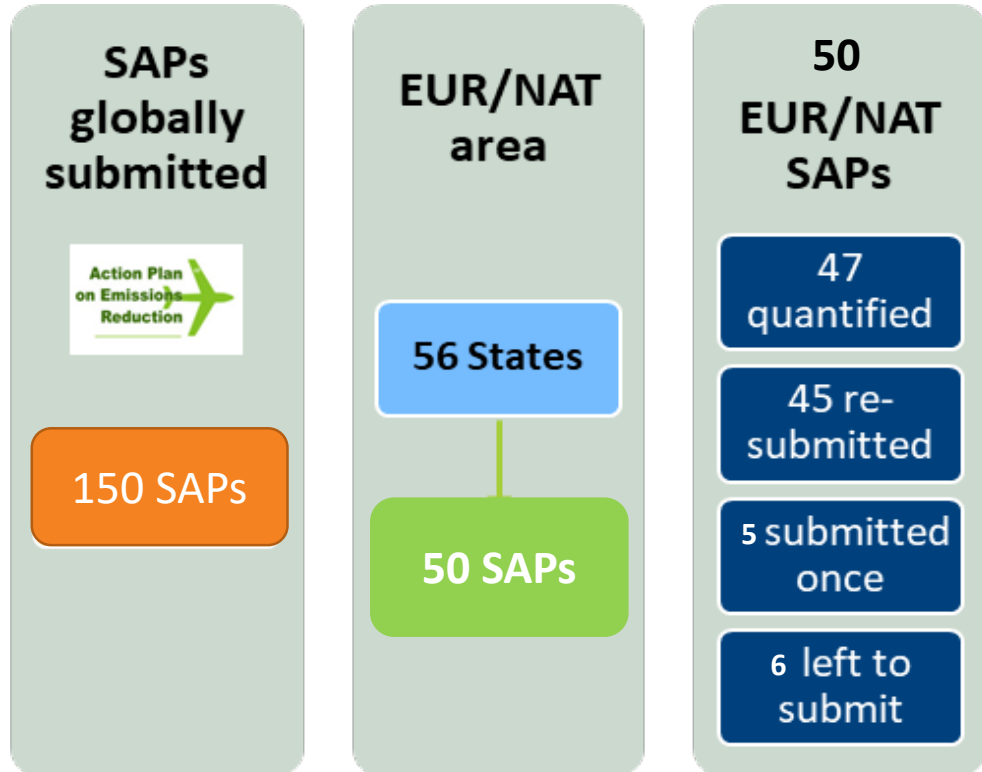
ACT CORSIA

Collaboration
with other
organizations

ACAO,
ACI EUROPE,
ECAC, EASA,
EUROCONTROL



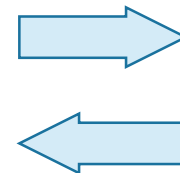
State Action Plans (SAP) initiative



Key tool for ICAO to assess Member States' progress toward achieving the collective global aspirational goals

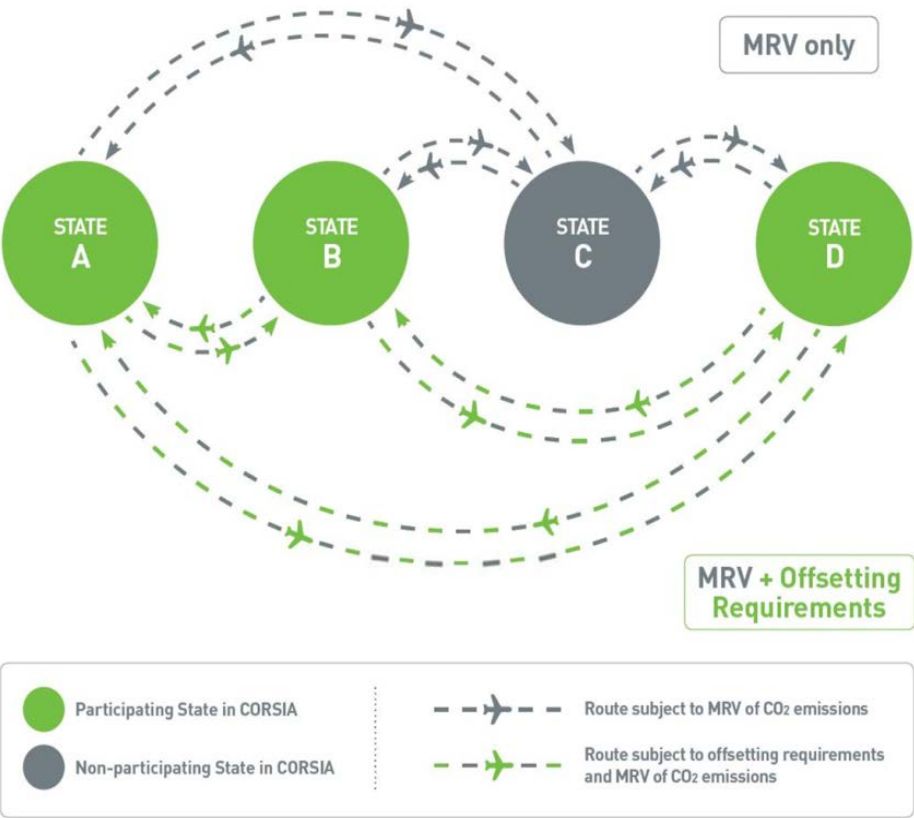
States were invited to update their SAP by end of June 2024

- more **concrete long-term strategies**
- use of new innovative technologies, operations and sustainable aviation fuels
- latest innovative solutions available





Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)



CORSIA Phases of Implementation



Voluntary participation

Participation based on 2018 RTK data

Pilot phase
2021-2023

First phase
2024-2026

Second phase
2027-2035

2023 CO₂ Emissions

530M
tons

States' reports cover

99%
of 2023 CO₂ emissions

129

Volunteer States
(2025)



All Member States are encouraged to participate in the first phase of the CORSIA

contribute to the higher environmental integrity of the scheme

closer to meeting the global aspirational goal of carbon neutral growth for international aviation

Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)

6



In the EUR/NAT Area

46

Volunteer States
to participate in
CORSIA

47

States reported
2023 CO₂ Reports
in CCR

6

States - no CORSIA
requirements for
2023

3

States –
Gap filling by
ICAO for 2023



Phase III (Apr 2020 - 2025): 17 supporting States and 119 requesting States

- Use of the CORSIA Central Registry (CCR)
- CORSIA Eligible Fuels (CEF)
- CORSIA Eligible Emissions Units (CEEU's)

14

States
benefiting from
ACT CORSIA

5

EUR/NAT States
supporting other States

4

Webinars ACT
CORSIA

ACT CORSIA Assistance, Capacity-building and Training on CORSIA	
AUSTRALIA 1. AUSTRALIA 2. BRUNEI DARUSSALAM 3. INDONESIA 4. MALAYSIA 5. PAPUA NEW GUINEA 6. SRI LANKA 7. THAILAND	KENYA / UNITED KINGDOM 1. ETHIOPIA 2. RWANDA 3. SEYCHELLES 4. SOUTH SUDAN 5. SOMALIA 6. UNITED REPUBLIC OF TANZANIA
BRAZIL 1. ANGOLA 2. CABO VERDE 3. MOZAMBIQUE 4. SAO TOME AND PRINCIPE	NEW ZEALAND 1. FIJI 2. KIRIBATI 3. SOLOMON ISLANDS 4. VANUATU
CANADA (Assistance by CANADIAN) 1. ANTIGUA AND BARBUDA 2. BARBADOS 3. GUYANA 4. NAU 5. JAMAICA 6. SURINAME 7. TRINIDAD AND TOBAGO	NIGERIA 1. GAMBIA 2. GUINEA 3. LIBERIA 4. SIERRA LEONE 5. SIERRA
CANADA / FRANCE 1. BOURNE 2. BURUNDI 3. CAMBODIA 4. CAMBODIA 5. CENTRAL AFRICAN REPUBLIC 6. CHAD 7. COMOROS 8. CONGO 9. COTE D'IVOIRE 10. GUINEA-BISSAU 11. S. S. OF CONGO 12. GABON 13. GUINEA 14. MADAGASCAR 15. MALI 16. MALI 17. MALI 18. MALI 19. MALI 20. MALI	REPUBLIC OF KOREA 1. LAO PEOPLE'S D. R. 2. MONROVIA 3. PHILIPPINES 4. PHILIPPINES 5. PHILIPPINES
FRANCE (Assistance by ACTC) 1. ALGERIA 2. ALGERIA 3. ALGERIA 4. ALGERIA 5. ALGERIA 6. ALGERIA 7. ALGERIA 8. ALGERIA 9. ALGERIA 10. ALGERIA 11. ALGERIA 12. ALGERIA 13. ALGERIA 14. ALGERIA 15. ALGERIA 16. ALGERIA 17. ALGERIA 18. ALGERIA 19. ALGERIA 20. ALGERIA	QATAR 1. BANGLADESH 2. BANGLADESH 3. BANGLADESH 4. BANGLADESH 5. BANGLADESH 6. BANGLADESH 7. BANGLADESH 8. BANGLADESH 9. BANGLADESH 10. BANGLADESH 11. BANGLADESH 12. BANGLADESH 13. BANGLADESH 14. BANGLADESH 15. BANGLADESH 16. BANGLADESH 17. BANGLADESH 18. BANGLADESH 19. BANGLADESH 20. BANGLADESH
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USA 1. ARGENTINA 2. DOMINICAN REPUBLIC 3. DOMINICAN REPUBLIC 4. DOMINICAN REPUBLIC 5. DOMINICAN REPUBLIC 6. DOMINICAN REPUBLIC 7. DOMINICAN REPUBLIC 8. DOMINICAN REPUBLIC 9. DOMINICAN REPUBLIC 10. DOMINICAN REPUBLIC 11. DOMINICAN REPUBLIC 12. DOMINICAN REPUBLIC 13. DOMINICAN REPUBLIC 14. DOMINICAN REPUBLIC 15. DOMINICAN REPUBLIC 16. DOMINICAN REPUBLIC 17. DOMINICAN REPUBLIC 18. DOMINICAN REPUBLIC 19. DOMINICAN REPUBLIC 20. DOMINICAN REPUBLIC	
17 SUPPORTING STATES 119 REQUESTING STATES	

Sustainable Aviation Fuels (SAF) and ACT-SAF programme



ACT-SAF is an ICAO initiative to facilitate the development and deployment of SAF

Tailored support for States

Facilitate cooperation under ICAO coordination

Dedicated platform to facilitate knowledge sharing and progress monitoring

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ACT-SAF Knowledge Hub



ICAO ACT-SAF Knowledge Hub

Initiation with ACT-SAF Partners identified that many States need conceptual knowledge on SAF.

To help address that, the ACT-SAF Knowledge Hub aims to consolidate all relevant materials and useful references on SAF.

ACT-SAF Series of Training Sessions				SAF Feasibility Studies	
Comprehensive training on an array of SAF-related topics. All the sessions and their materials are available for viewing and downloading.				Studies developed by ICAO and other organisations that aim to evaluate the potential for SAF production at a given State, including feedstock production.	Number of Studies 54
#	Topic	link	link	SAF events	
19	Building bankable SAF projects	link		Upcoming events 37	
18	Understanding SAF Clearing Houses	link	link	Past events 55	
17	From Vision to Reality - Sweden	link	link	Compilation of events hosted to discuss global challenges and solutions for further developing SAF.	
16	Aviation and Green Taxonomy	link	link		
15	Coprocessing and reworking: how to use existing references to produce SAF	link	link		
14	Update on 100% SAF testing and recent achievements	link	link		
13	SAF Business Implementation studies and TEA models	link	link	Technical References and Reports	
12	ICAO State Action Plans and SAF	link	link	Useful materials to facilitate technical understanding on various SAF aspects.	
11	Implementing the ICAO Global Framework - Step-by-step examples of SAF policy making	link	link	Available references 27	

TEMPLATE FOR FEASIBILITY STUDIES ON SUSTAINABLE AVIATION FUELS

The Capacity-building and Training for Sustainable Aviation Fuels (ACT-SAF) Programme was launched in June 2022. Its objective is to enable States to develop their full potential in SAF production, deployment, and use, in line with the ICAO's *No Country Left Behind initiative*, the 2050 ICAO vision, and the three main pillars of sustainable development recognized by the United Nations.

The template was developed in the context of the ICAO ACT-SAF Programme to facilitate the standardized feasibility studies on SAF. The template can be used to assess the feasibility of SAF production and deployment both at the State and Regional level. ICAO has developed an annex to assist in the preparation of feasibility studies following the structure defined in this template *provided once the guide is developed*.

The template is included in a feasibility study will be determined by the preparer to demonstrate the potential for SAF development and deployment in the State under consideration. To ensure the consistency across different feasibility studies, it is recommended that all sections of the template be completed in a clear and concise manner. In parts where this may not be applicable, an explanation should be provided. It should also be noted that this template is by no means a mandatory template; it may incorporate additional elements as appropriate.

The template is summarized as follows *(to be reviewed upon finalization of template)*:

Executive Summary
Section 1: State-specific Information
Section 2: Evaluation of Feedstocks and Pathways for SAF Production
Section 3: Implementation Support and Financing
Section 4: Action Plan

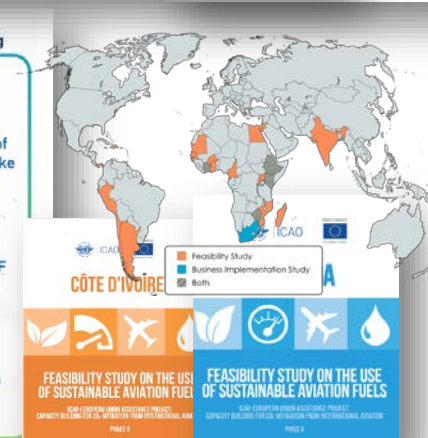
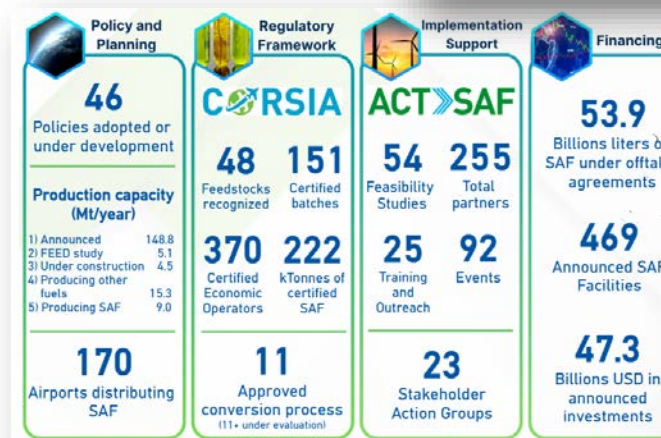
For assistance, please contact the ICAO Secretariat by email (officeenv@icao.int) or by mail, in the subject of the email message.

23

EUR/NAT States to participate in ACT SAF

9

EUR/NAT States joined ACT SAF in April 2024



ICAO Capacity Building Activities

8

Environmental Protection Meetings and Events

ACT CORSIA – France and Canada – 2 webinars – 1 meeting	2025
ACT CORSIA – EUR States – Germany – 3 webinars – 1 meeting	2025
ENV Task Force webinar on the SAF Roadmap – 1 webinar with Poland, Sweden, Turkiye and UK	15 April 2025
ENV Task Force webinar on CORSIA Eligible Emissions Units	September 2025
ENV Task Force meeting in Baku, Azerbaijan	November 2025
Regional Event on Green Airports tbc with ACI Europe	End 2025/early 2026
Assistance Missions on SAP, ENV Tools, SAF Roadmap and CORSIA	Upon request
ACT SAF – webinars and projects support	ongoing
Assistance missions in other Regions	Upon request
Outreach activities – Regional Director	States Visits



Draft EUR/NAT-DGCA Conclusion 2025/1—Further enhancing coordination and cooperation to achieve LTAG

That the ICAO Regional Director, Europe and North Atlantic, take action to:

a) encourage EUR/NAT States to:

i) develop or update their quantified State Action Plans (SAP) on CO₂ Emissions Reduction Activities in line with the provisions of the updated Guidance on the Development of States' Action Plans on CO₂ Emissions Reduction Activities (ICAO Doc 9988), and to contact the ICAO EUR/NAT Regional Office for any assistance needed in the preparation, submission, and implementation of their SAP and related mitigation measures;

ii) join CORSIA during its first phase and notify ICAO accordingly (by 30 June 2025 for voluntary participation starting from 1 January 2026), and participate—either as donor or beneficiary States—in ICAO ACT-CORSIA capacity-building activities, including the CORSIA Buddy Partnerships;

iii) join, as donor or beneficiary States, the ICAO Assistance, Capacity-building and Training for Sustainable Aviation Fuels (ACT-SAF) programme by signing the Terms and Conditions available on the ICAO website;

iv) for States having join ACT-SAF, take actions to invite in relevant activities, such as webinars, representatives and experts from ministries in charge of energy and environment, as well as oil and gas companies;

v) inform the ICAO EUR/NAT Regional Office of any ongoing or planned activities related to SAF, including feasibility studies and capacity-building initiatives; and

b) invite international and regional organizations to continue supporting information-sharing and coordination efforts, with the aim of avoiding duplication, promoting synergies, ensuring consistency, and contributing to ICAO regional environmental protection activities.



Thank You!