

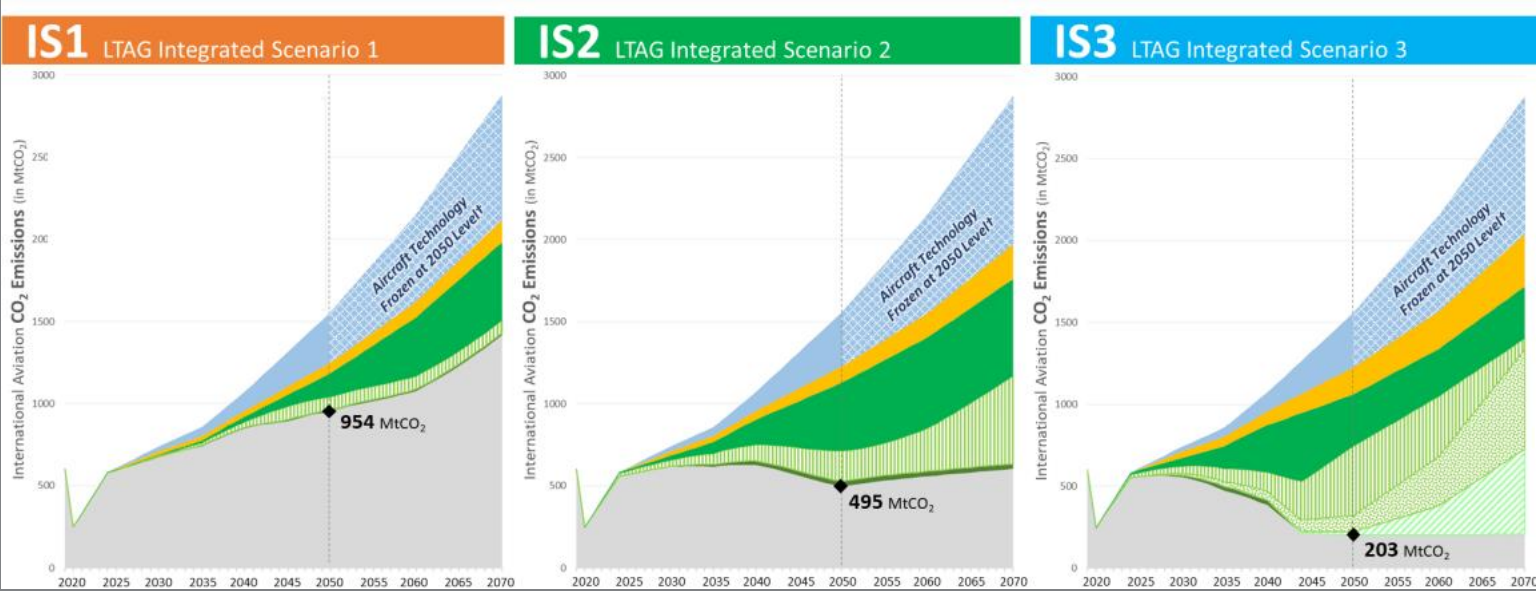
8th EASA International Cooperation Forum (ICF/8)



Africa Abajas
Sustainable Aviation Manager

20/03/2024

We are all
witnessing the
consequences
of climate
change, we
need to
transform
aviation into
more
sustainable



Sustainable growth and 'green recovery' are central themes at national and international levels, and as we emerge from the COVID-19 pandemic

LTAG Scenarios show the potential for substantial CO₂ reduction, however none of them reach zero CO₂ emissions (using in-sector measures only)

Drop-in fuels (SAF and LACF) have the largest impact on residual CO₂ emissions driving overall reductions by 2050. CORSIA remains very important

Environmental sustainability

INTERNATIONAL COOPERATION

Environmental sustainability is a fundamental pillar in EASA international cooperation projects

Promote EU safety and environmental standards and expertise to contribute to a safer and **greener** aviation worldwide

Building the capacity to address the **global environmental challenges** facing the aviation sector. There is no 'one-fits-all' approach

CORSIA and Sustainable Aviation Fuels

PUBLIC-PRIVATE COOPERATION

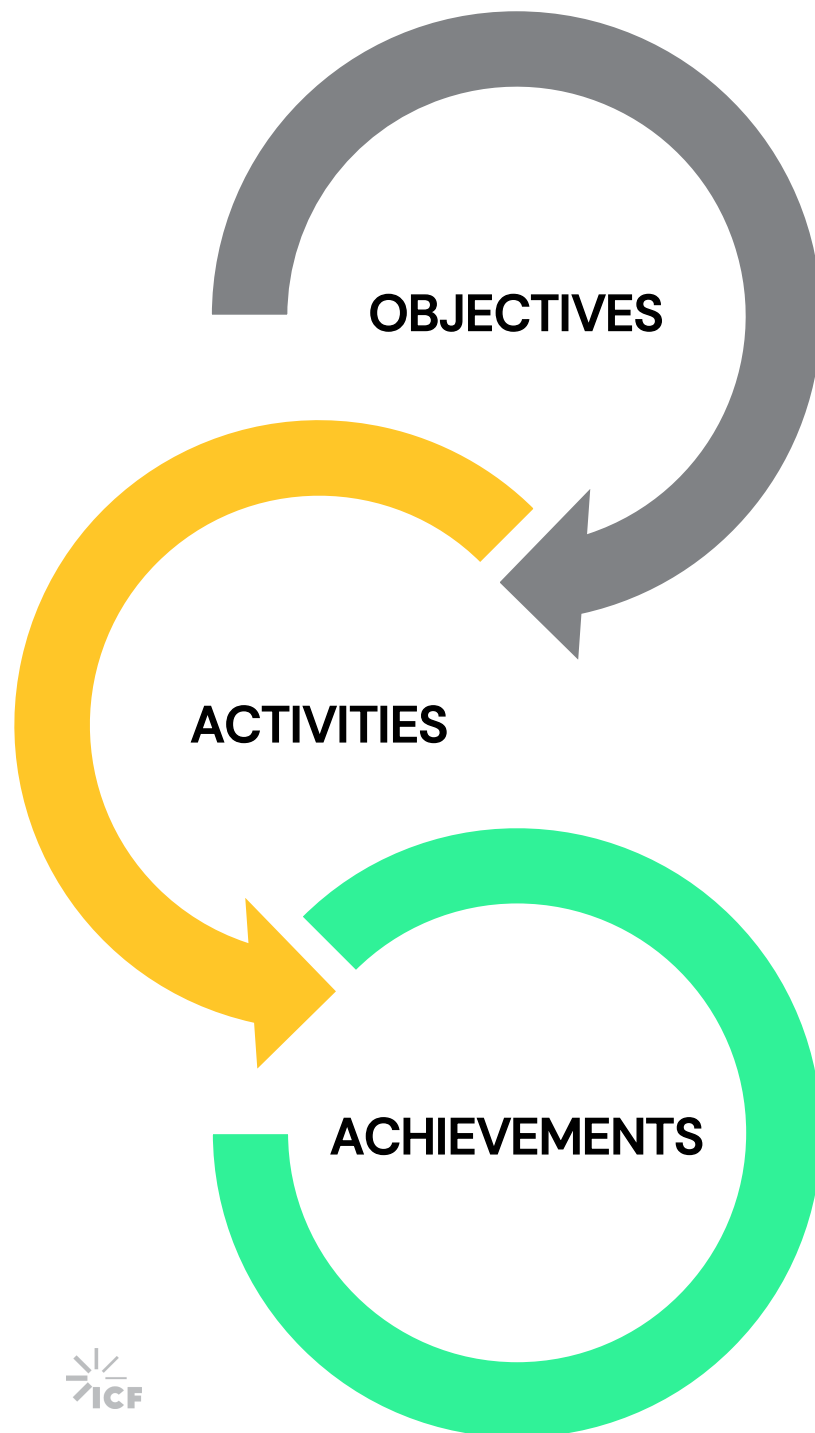
Enables a more holistic approach

Hands-on experience. Facilitates transfer of practical knowledge to the beneficiary States

Showcasing Success Stories: Learn from real-life implementation, inspiring confidence and motivation to adopt similar practices in their own contexts

Fosters stakeholder engagement, knowledge sharing, and resource mobilization

CORSIA. EASA support through International Cooperation

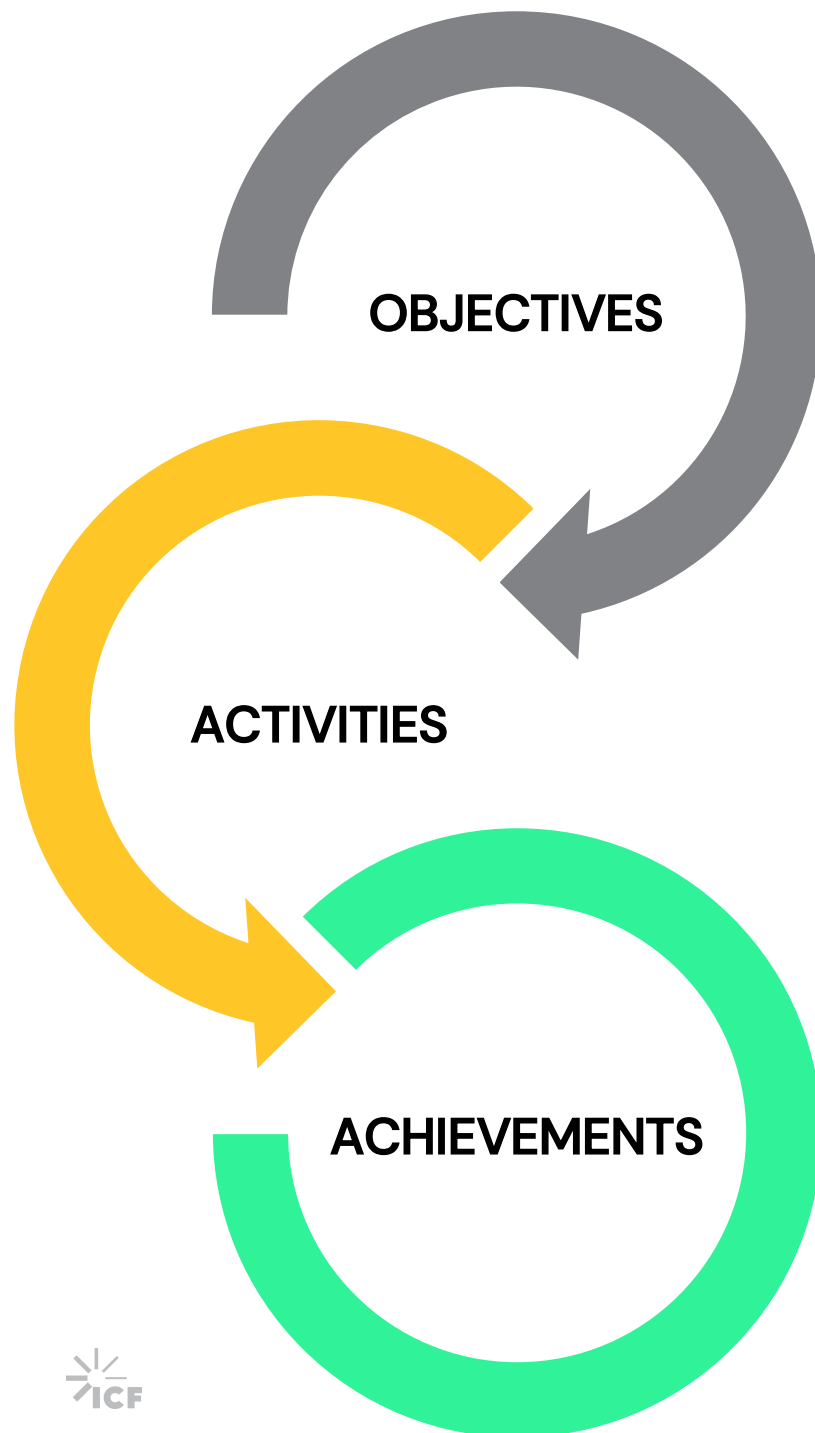


- Support Implementation at National Level
- Enhance understanding of CORSIA: MRV and Offsetting requirements
- Enhance understanding impacts
- Encourage voluntary participation

-
- Trainings to all stakeholders involved (regional and bilateral)
 - Practical assistance in MRV implementation
 - Assessment CORSIA Eligible Units in beneficiary States
 - Involve High level dignitaries

-
- Stakeholders meeting CORSIA requirements. Knowledge transfer
 - Appropriate understanding of offsetting benefits and impacts and role of SAF in CORSIA
 - Several countries have volunteered to join
 - Verification Bodies accredited in beneficiary States

Sustainable Aviation Fuels. EASA support through International Cooperation



- Enhance understanding of what is SAF and its role in CORSIA
- Foster dialogue and regional cooperation
- Support to scale-up the production and use of SAF

-
- Trainings to all stakeholders involved (regional and bilateral).
 - Facilitating the definition of SAF Policies and Roadmaps
 - Engagement with governmental departments (e.g. Aviation Authorities, Ministries of Transport, Energy, Environment, Finance) to improve awareness

-
- Improved understanding and awareness.
 - Local context
 - Facilitation of interaction and collaboration among interested parties





→ SAF

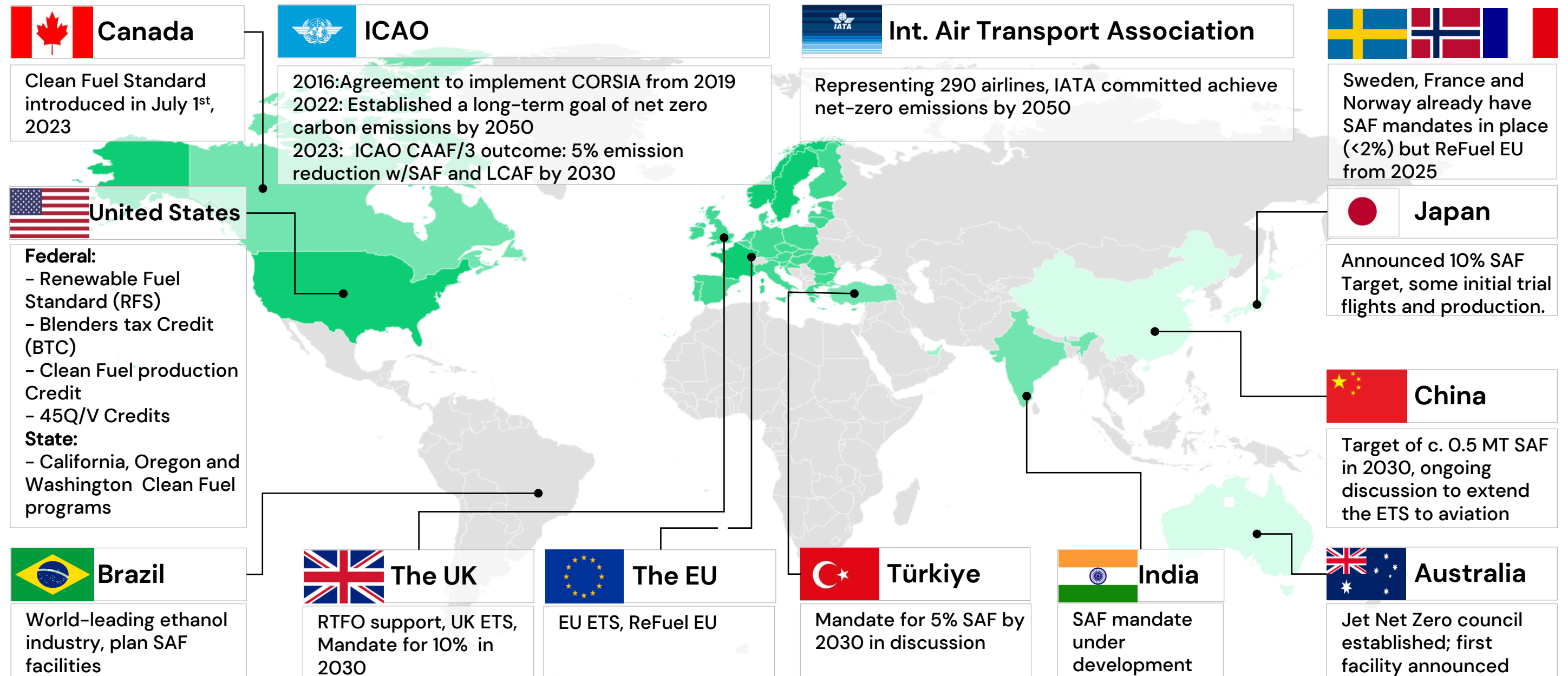


The use of Sustainable Aviation Fuel will contribute up to 70% to the reduction of CO2 emissions necessary to reach a net-zero sector by 2050 and will support the large reduction of non-CO2 emissions

While potential for hydrogen and electric aircraft will grow, SAF will remain the most feasible solution to decarbonise aviation

	2020	2025	2030	2035	2040	2045	2050	
Commuter » <1% of industry CO ₂	SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	~27% of CO ₂ emissions
Regional » ~3% of industry CO ₂	SAF	SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	Electric or hydrogen fuel cell and/or SAF	
Short-haul » ~24% of industry CO ₂	SAF	SAF	SAF	SAF potentially some hydrogen	Hydrogen and/or SAF	Hydrogen and/or SAF	Hydrogen and/or SAF	
Medium-haul » ~43% of industry CO ₂	SAF	SAF	SAF	SAF	SAF	SAF	SAF potentially some hydrogen	~73% of CO ₂
Long-haul » ~30% of industry CO ₂	SAF	SAF	SAF	SAF	SAF	SAF	SAF	

States and industry have committed to scaling up SAF through various policies and initiatives



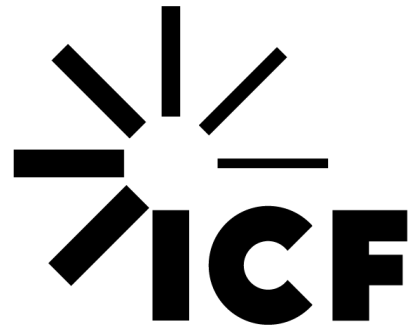


ReFuel EU Aviation stands as an innovative policy aimed at fostering the adoption of Sustainable Aviation Fuel (SAF) and establishing its widespread utilization across major airports within the EU

A woman and a young child are seen from behind, standing on a reflective airport tarmac. They are looking out through a large glass window at the tail of a white airplane with a red stripe. The scene is brightly lit, suggesting a sunny day. A large, semi-transparent grey arrow points from the left towards the text.

Let's aim at reaching the same level
of success in sustainability as in
safety!

THANK YOU!



Get in touch with us: **Africa Abajas**

Sustainable Aviation Manager
+34678454772
Africa.Abajas@icf.com

icf.com

 [linkedin.com/company/icf-international/](https://www.linkedin.com/company/icf-international/)

 twitter.com/icf

 <https://www.facebook.com/ThisIsICF/>
