Inclusion of alternative fuels in the new CORSIA mechanism

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What is CORSIA?

CORSIA - Carbon Offsetting and Reduction Scheme for International Aviation

• CORSIA was adopted by the ICAO Assembly in Resolution A39-3:
  
  *Consolidated statement of continuing ICAO policies and practices related to environmental protection – Global Market-based Measure (MBM) scheme*

• CORSIA complements a broader package of measures to achieve the global aspirational goal of carbon-neutral growth from 2020 onwards
The Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)
Sustainable Alternative Fuels and CORSIA

• In Resolution A39-3, the Assembly requests the Council to:
  a) ensure that a methodology is developed so that aircraft operators’ offsetting requirements under CORSIA can be reduced through the use of sustainable alternative fuels
  b) develop, with the technical contribution of ICAO’s Committee on Aviation Environmental Protection (CAEP) Standards and Recommended Practices (SARPs) and related guidance material for the implementation of a Monitoring, reporting and verification (MRV) system and emissions units criteria (EUC)

• Operationalization of CORSIA implementation mechanisms:
  a) MRV: all Member States whose aircraft operators undertake international flights to develop the necessary arrangements for implementation from 1 January 2019
  b) Registries: State-level registries and a consolidated central registry (the latter to be established under the auspices of ICAO, for operationalization no later than 1 January 2021)
• CAEP’s Alternative Fuels Task Force (AFTF) is undertaking work to define how an aircraft operator’s offsetting requirements under CORSIA in a given year can be reduced through the use of sustainable alternative fuels, on the basis of:

  a) sustainability requirements defined by a set of sustainability criteria;
  b) emissions factor defined by a set of ILUC LCA default values
  c) application of a methodology to define life-cycle emissions
Another opportunity - Sustainable Alternative Fuels and CORSIA

- Resolution A39-3, paragraph 24, requests the Council to promote the use of emissions units generated that benefit developing States, and encourages States to develop domestic aviation-related projects.
  - Emission credits could be generated by sustainable alternative fuels projects and the credits could be used under CORSIA.
Sustainable Alternative Fuels and CORSIA

- Resolution A39-3, paragraph 18 decides that the Council will undertake a review of CORSIA, every three years from 2022, with due consideration of, *inter alia*, the contribution of sustainable alternative fuels towards achieving ICAO’s environmental objectives.

All States are encouraged to voluntarily participate in the CORSIA