



POLICY FRAMEWORKS

Under the framework of the ICAO-UNDP-GEF project, ICAO has developed four guidance documents to facilitate the development and implementation of low CO₂ emissions aviation measures, addressing:

Renewable energy for aviation

Financing aviation emissions reductions

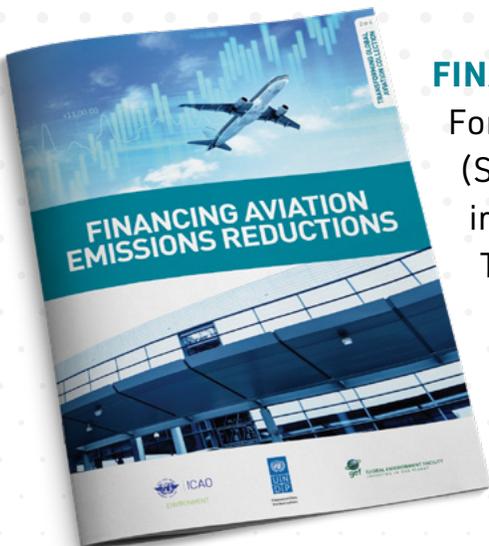
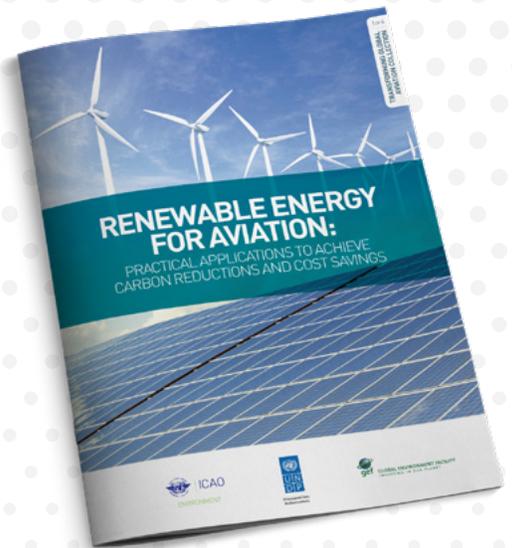
Regulatory and organizational framework

Sustainable aviation fuels

RENEWABLE ENERGY FOR AVIATION

The guidance document will help States and relevant aviation stakeholders identify, finance and deploy renewable energy projects to reduce CO₂ emissions from international aviation.

Case studies on producing heat and power by way of solar, wind, geothermal, and biomass illustrate the successful implementation of renewable energy projects at airports, worldwide, so that similar projects can be replicated.



FINANCING AVIATION EMISSIONS REDUCTIONS

For developing States and Small Island Developing States (SIDS), access to financing represents a hurdle to the implementation of low CO₂ emissions aviation measures. The guidance document explains the various financing schemes that can be considered by States and the stakeholders of the financing community and maps out the specific development and environmental funds to which they can resort.



REGULATORY AND ORGANIZATIONAL FRAMEWORK TO ADDRESS AVIATION EMISSIONS

In a context of limited human resources, it is essential to define the organizational structure and to design the policy frameworks that will deliver effective measures to mitigate CO₂ emissions from international aviation. The document identifies collaborative approaches to help developing States and SIDS select relevant environmental and energy policies, as well as further organizational changes to support CO₂ emissions reductions.



SUSTAINABLE AVIATION FUELS GUIDE

The guidance describes how sustainable aviation fuels can be deployed to reduce CO₂ emissions from international aviation activities and elaborates upon the various fuel production pathways, their usage constraints and environmental benefits. This document supports States and their relevant stakeholders in the consideration of appropriate policies for the development and use of these fuels.

Each of these guidance documents developed through ICAO's **Transforming the Global Aviation Sector: Emissions Reductions from International Aviation** joint assistance project with the United Nations Development Programme (UNDP), financed by the Global Environment Facility (GEF). ICAO is supporting developing States and SIDS in their efforts to reduce CO₂ emissions from international aviation, under the overarching ICAO initiative on States' Action Plans on CO₂ emissions reduction activities. The deliverables of the ICAO-UNDP-GEF project aim to increase the capacity of States and their stakeholders to take meaningful and coordinated action to address international aviation environmental issues.

For more information on ICAO's capacity building and assistance, and partnerships and access to these resources, visit ICAO's website at www.icao.int/environmental-protection/Pages/ICAO_UNDP.aspx



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