

Enabling a green aviation transition

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ICAO ENVIRONMENTAL ASSISTANCE PROJECTS

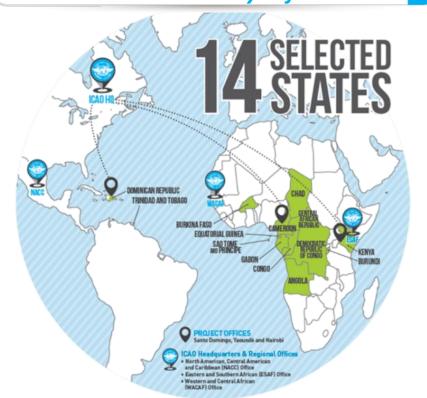






CAPACITY BUILDING FOR CO₂ MITIGATION FROM INTERNATIONAL AVIATION

No Country Left-Behind





European Union

2014 - 2019

OBJECTIVE 1

ACTION PLANS DEVELOPMENT:

Improved capacity of the National Civil Aviation authorities to develop an Action Plan on CO₂ emissions reduction from international aviation in accordance with ICAO recommendations

DBJECTIVE 2

AVIATION ENVIRONMENTAL SYSTEMS (AES):

Efficient CO₂ emissions monitoring system for international aviation developed in each selected Member State

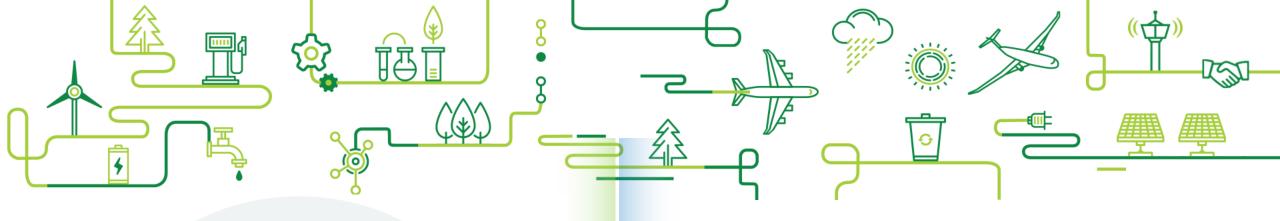
OBJECTIVE 3

IMPLEMENTATION OF MITIGATION MEASURES:

Priority mitigation measures identified, evaluated and partly implemented



STOCKTAKING 2020





PILOT MITIGATION MEASURES

TO BE IMPLEMENTED WITH PROJECT FUNDING

The pilot mitigation measures, which will be completed by 2018, will showcase concrete actions that may be replicated by other Member States to contribute to the achievement of ICAO's aspirational goals for CO₂ emissions reduction from international aviation.

ELECTRIFICAT

Provides ground power and pre-conditioned air to the aircraft at the gate

(CCO) / Continuous Descent Operations (CDO)



FEASIBILITY STUDIES

TO BE DEVELOPED WITH PROJECT FUNDING

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The feasibility studies will provide the governments of the selected States decision-making tools that may unveil new opportunities to get to the edge of innovations for a sustainable aviation sector.

FEASIBILITY STUDY

on the use of renewable energy to power airport operations

FEASIBILITY STUDY

on the development of sustainable alternative fuels

TRINIDAD & TOBAGO

FRINIDAD & TOBAGO

BURKINA FASO





ICAO Assistance to Africa Indian Ocean (AFI) States

ICAO-EU Project Phase II

ICAO 2nd Assistance Project with EU Funding

supporting 10 selected AFI States in both Regions







IISSIONS REDUCTIONS



Support developing States and Small Island Developing States strengthen their national capacities to reduce emissions from international civil aviation



THIS ASSISTANCE PROJECT IS COMPRISED OF FOUR COMPONENTS

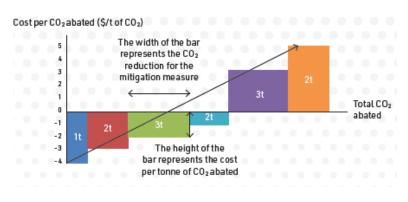
- 1 IMPLEMENTING AVIATION LOW EMISSIONS MEASURES: COSTS AND ENVIRONMENTAL BENEFITS ASSESSMENT
- 2 DEVELOPMENT OF 4 GUIDANCE DOCUMENTS TO FACILICATE LOW EMISSIONS AVIATION IN DEVELOPING STATES AND SIDS
- 3 ICAO INTEGRATED ENVIRONMENTAL TECHNICAL PLATFORM

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PILOT PROJECT ON AVIATION LOW EMISSIONS MEASURES











Conclusions

- ICAO State Action Plan initiative is key to enabling a green transition for aviation.
- The ICAO-EU and ICAO-UNDP-GEF projects provided valuable support to States that is replicable.
- All of the guidance documents, feasibility studies and several of the tools developed under these projects are available free-of-charge.
- ICAO is continuing to investigate ways to provide similar support to Member States, through the second phase of the ICAO-EU project and feasibility studies.

Thank You

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Dakar

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