



ICAO

ENVIRONMENT

States' Action Plans Seminar

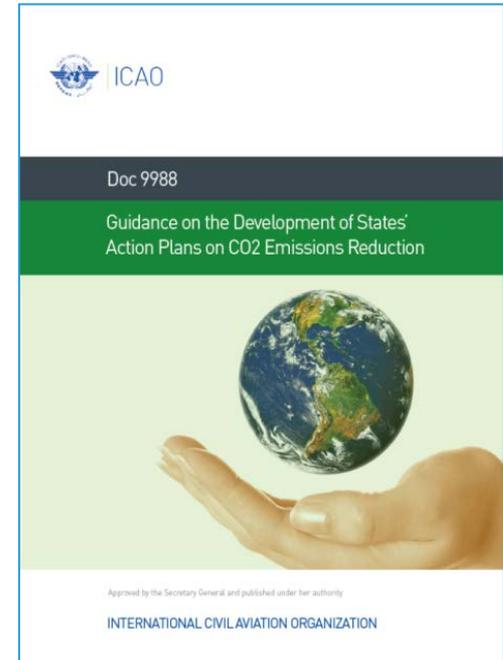
1. Introduction to States' Action Plans



ICAO Secretariat

Overview

- Background and history
- Minimum content of an Action Plan
- Relationship between the States' Action Plans initiative and the CORSIA scheme





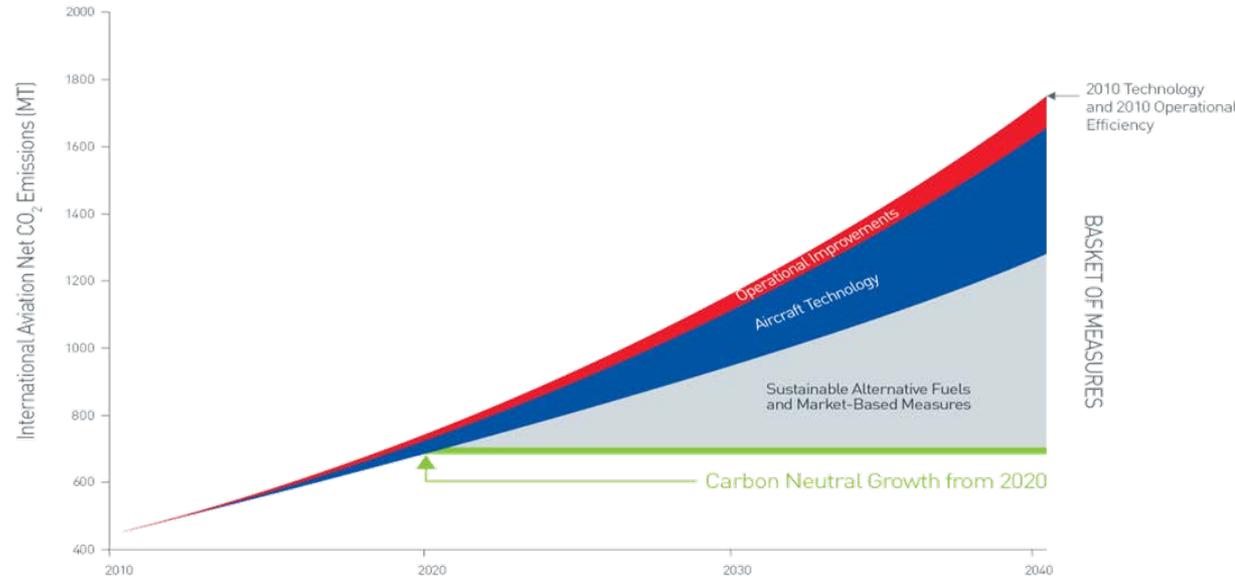
9. *Encourages* States to submit their action plans outlining their respective policies and actions, and annual reporting on international aviation CO₂ emissions to ICAO;

- Initiative established in 2010 with ICAO Assembly Resolution **A37-19**:
 - *Para 11: “action plans should include information on the basket of measures considered by States, reflecting their respective national capacities and circumstances, and information on any specific assistance needs”*
- Reaffirmed support in 2013 with A38-18 and in 2016 with **A39-2**:
 - *Para 11: “Invites those States that choose to prepare or update action plans to submit them to ICAO” and include “quantified information on the expected environmental benefits from the implementation of the measures chosen from the basket”*
 - *Para 12: “Encourages States that have already submitted action plans to share information contained in action plans and build partnerships with other member States in order to support those States that have not prepared action plans, and to make the submitted action plans available to the public, taking into account the commercial sensitivity of information contained in States’ action plans”*

Purpose

- For States
 - Opportunity to identify measures that will improve fuel efficiency and reduce emissions
- For ICAO
 - Assess future progress toward the achievement of ICAO global aspirational goals

Contribution of Measures for Reducing International Aviation Net CO₂ Emissions





ICAO has facilitated the States' Action Plans initiative since 2010 by:

- developing guidance material and tools
- organizing workshops and training seminars
- enabling capacity-building and assistance projects
 - ICAO / European Union Joint Assistance Project
 - ICAO / UNDP Joint Assistance Project financed by the Global Environment Facility (GEF)
- partnering States through the Buddy Programme



Assembly Resolution A37-19
 Planning support to States (Guidance material, workshops, APER website)

2010

Direct contact with national focal points
 ENV/TCB Strategic Plan
 Planning of AFCAC/ICAO Workshop "Assistance for Action - Aviation and Climate Change" Seminar

2011

5 "States' Action Plans" Seminars held
 Environmental Seminar on Technology and Energy
 ICAO and the European Union sign agreement to implement a joint Assistance Project
 ICAO and UNDP sign agreement to implement a joint Assistance Project, financed by GEF

2013

2014

ICAO Action Plan Buddy Programme implemented
 New version of ICAO Fuel Saving Estimation Tool (IFSET) available online
 ICAO High-level Meeting on a Global Market-Based Measure (MBM) Scheme
 Guidance document 9988 updated and enhanced version of the ICAO Carbon Emission Calculator available
 By May 2016, all 14 States in the ICAO-European Union Joint Assistance Project had the AES installed

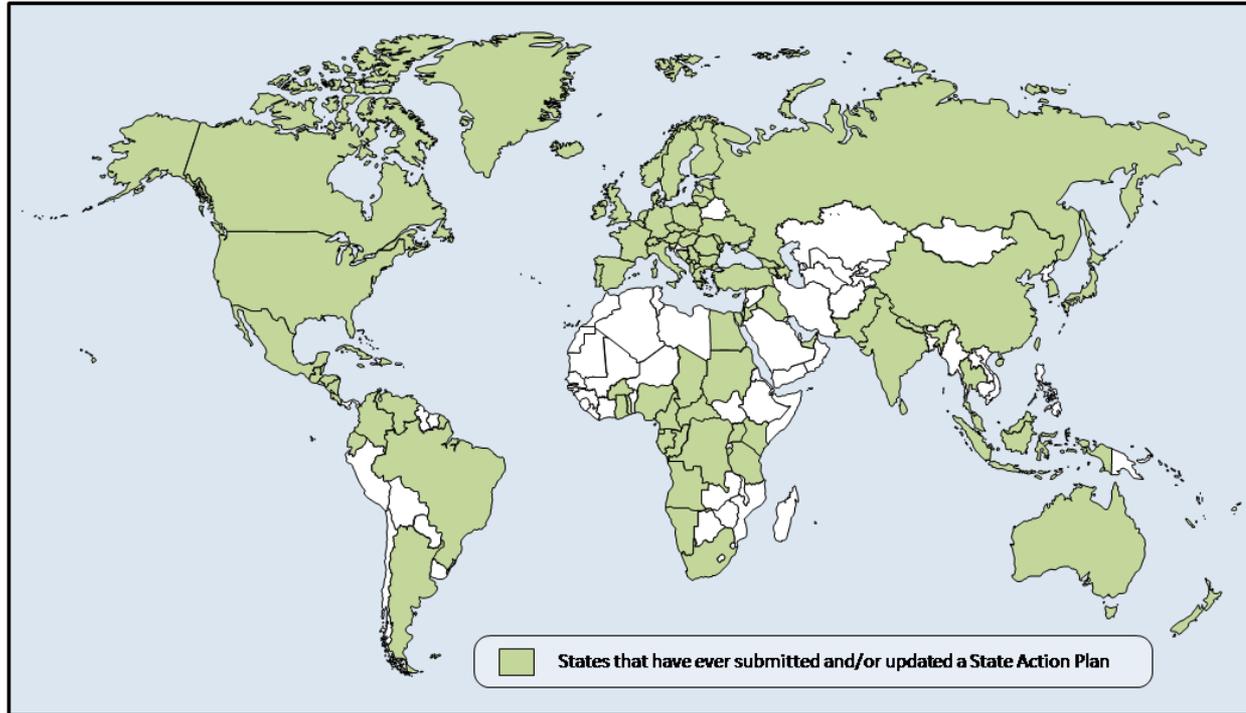
2015

2016

Coordination with CAEP experts
 APER website was designed and launched, tools developed
 Development of Doc9988 and planning of 6 workshops

Direct contact with national focal points
 Support, review of action plans, exploring partnerships for Assistance to States

Implementation of Environmental Benefit Tool (EBT) in APER website
 ICAO Global Aviation Partnerships on Emissions Reductions (E-GAP) - Multiplying Environmental Action Seminar
 Aviation Environmental Assessment (AES) installed in four European Pilot countries
 Submission of robust State Action Plans from 12 African States and 2 Caribbean States as part of the ICAO-European Union Assistance Project



102 States representing **90.3%** of global RTK have submitted an action plan to ICAO.

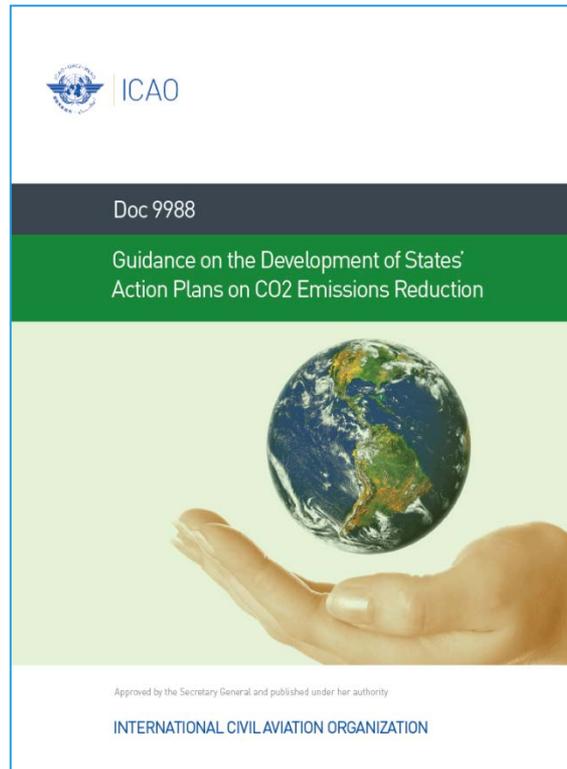
More than **400** direct contacts with States established

More than **700** experts from **116** States trained

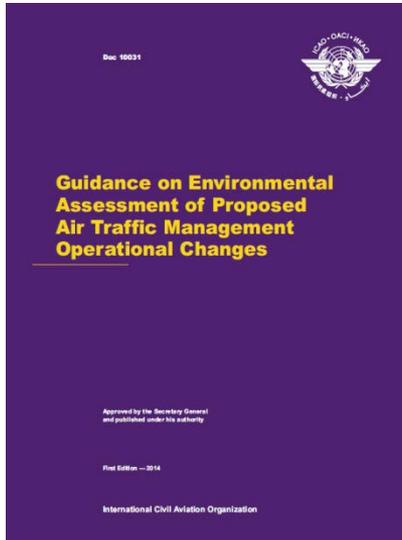
3 ICAO Buddy Partnerships

2 joint assistance projects

Guidance: ICAO Doc 9988



- Describes what an Action Plan should include and a step-by-step guide on how to develop it
- Everything that we present over the next two days can be found in this document:
 - Overview and introduction
 - Baseline calculation
 - Mitigation measures and expected results
 - Implementation and assistance
 - Appendix with examples and detailed information



ICAO Doc 10031

Assessment of environmental effects from operations changes

Available on ICAO public website



ICAO Doc 10013

Airport operations, maintenance, weight reduction, air traffic management etc.

Available on APER website

Public ICAO Environmental Tools:



ICAO Carbon Emissions Calculator

Allows passengers/cargo to estimate CO₂ emissions from air travel



ICAO Fuel Savings Estimation Tool (IFSET)

Assists States in estimating fuel savings from operational improvements



ICAO Green Meetings Calculator

Supports decision making in minimizing CO₂ emissions from air travel to attend meetings

Additional to facilitate the preparation of State's Action Plans:

- *ICAO Environmental Benefit Tool*
Helps States to develop their Action Plan (Baseline, Mitigation Measures, Expected Results)
- *ICAO Aviation Environmental System (AES)*
Allows CAAs to monitor CO₂ emissions from international aviation at State level

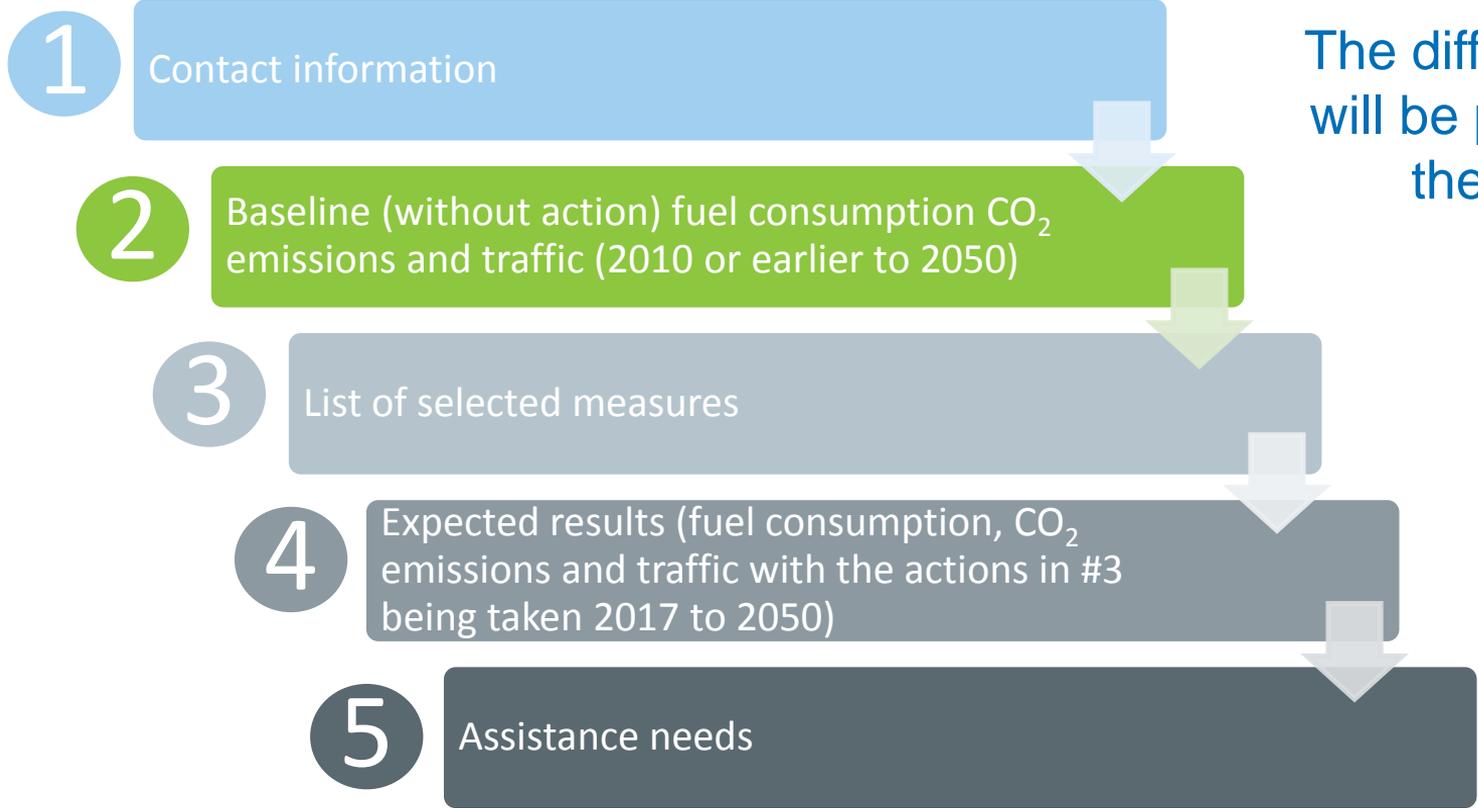


- Synergies between States' Action Plans and CORSIA:
 - The data collection, monitoring and reporting mechanisms developed for and/or used in the Action Plan could serve as a good starting point for necessary adjustments to fulfill CORSIA MRV requirements
 - Data collected through an CORSIA-compatible MRV system could be used for the Action Plan
 - States can showcase CORSIA voluntary participation in their Action Plans and draw upon the know-how and capabilities acquired from participating in a global scheme for the international aviation industry





Minimum Content



The different elements will be presented over the next days



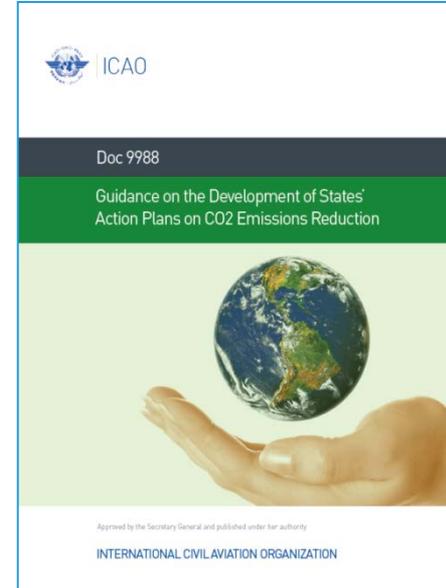
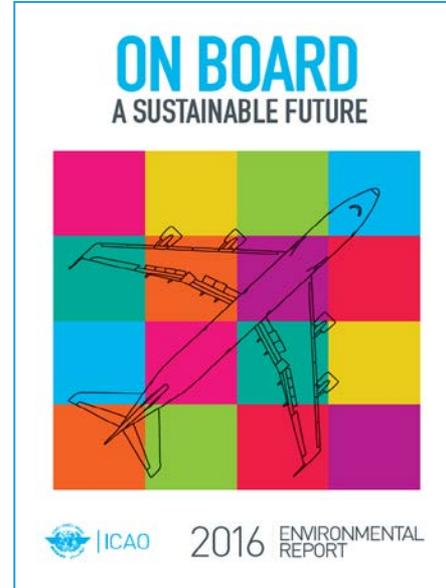
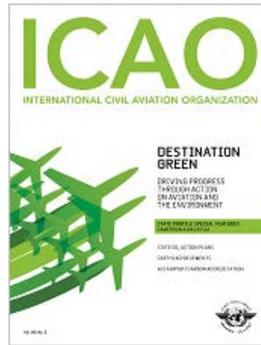
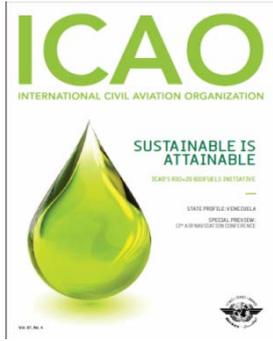
No Country should be Left Behind



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Additional Information



For more information, please visit our website: <http://www.icao.int/env>