



Assistance for Action

Aviation and Climate Change Seminar

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ICAO Headquarters, Montréal, Canada



ICAO States' Action Plan

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Assembly resolution A37-19

... Dynamic shift of ICAO from “Standard policy setting” to “implementation mode”

- Invites States to voluntarily submit their action plans to ICAO, preferably by June 2012
- The action plans should include information on the basket of measures considered by States and information on any specific assistance needs
- Requests the Council to provide guidance and other technical assistance for the preparation of States’ action plans



What is an Action Plan?

... Communication Tool between States and ICAO

➤ For States

Opportunity to identify measures to address CO₂ emissions as well as any assistance needs to implement the measures

➤ For ICAO

Assess the progress towards the achievement of global aspirational goals and address specific assistance needs of States.



Scope

➤ From Assembly Resolution A37-19:

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

Para.10. “*Invites* those States that choose to prepare their action plans to submit them to ICAO ... preferably by the **end of June 2012** in order that ICAO can compile the information in relation to achieving the global aspirational goals, and the 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**”;



Scope

- Assembly Resolution and goals related to **international aviation**.
- However, most initiatives also have benefits for domestic aviation.
- Important to separate international from domestic and ICAO Action Guidance provides that.
- Co-benefits for domestic aviation and other aviation stakeholders like airports can be reported separately.



Objectives

➤ Assembly Resolution A37-19

Para. 4. Global annual average fuel efficiency improvement of **2 per cent until 2050;**

Para. 6. Collective medium-term global aspirational goal of **keeping the global net carbon emissions from international aviation from 2020 at the same level.**



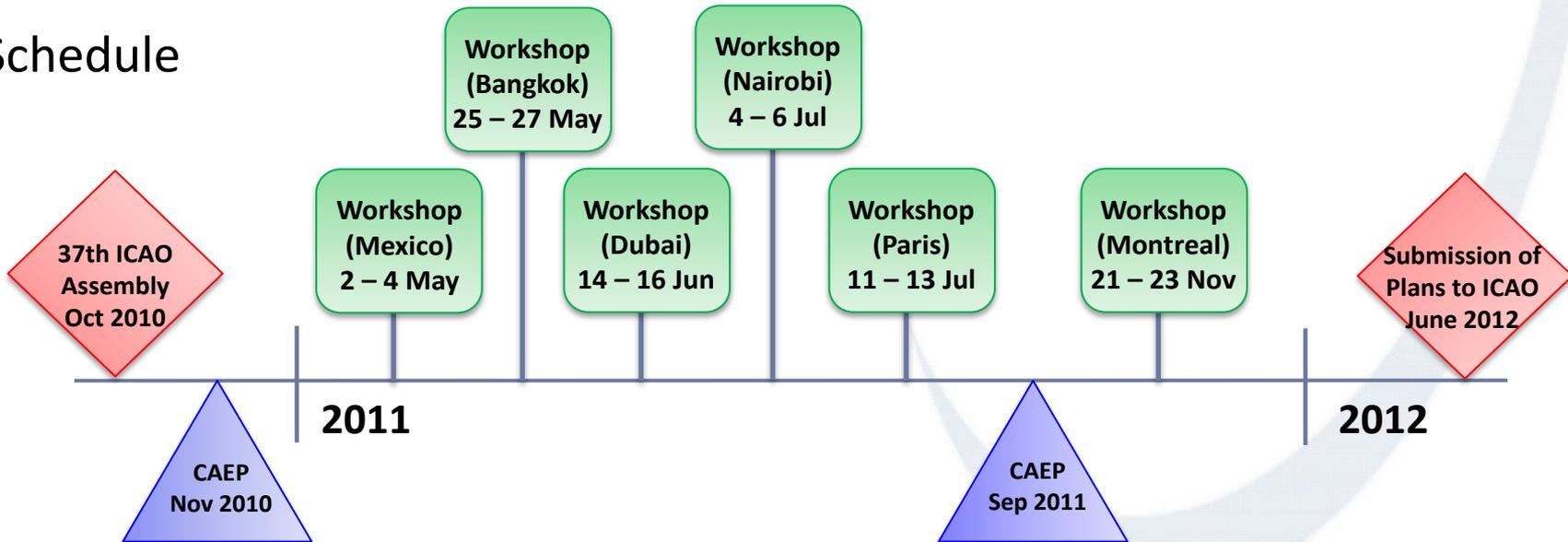
Opportunities for States

- Showcase and communicate efforts to improve fuel efficiency and reduce aviation CO₂ emissions
- Refine actions already being undertaken
- Consider how their actions will contribute toward global aspirational goals
- Identify mitigation measures
- Identify assistance needs / barriers to implementation
- Identify means to track progress
- Bring stakeholders together (Gov., ALs, APTs, ANSPs)
- Synergies



Regional Hands-on Training Workshops

- Assist member States of each ICAO Region in preparing and submitting their action plans, by providing tools and appropriate information (guidance material, interactive website – electronic template)
- Guidance document – available at www.icao.int
- Web Interface (electronic template) APER
- Schedule





Hands-on Training Workshops



RTK of total States trained, out of global international aviation
RTK: 93%



Resources Available to States

- **Guidance Material** for the Development of States' Action Plans
 - Part 1: Introduction to action plans
 - Part 2: Estimation, reporting and verification of GHG emissions
 - Part 3: Selection of measures
 - Part 4: Analysis methods and tools
 - Part 5: Assistance needs

- **Web Interface** (electronic template) **APER**



Resources Available to States

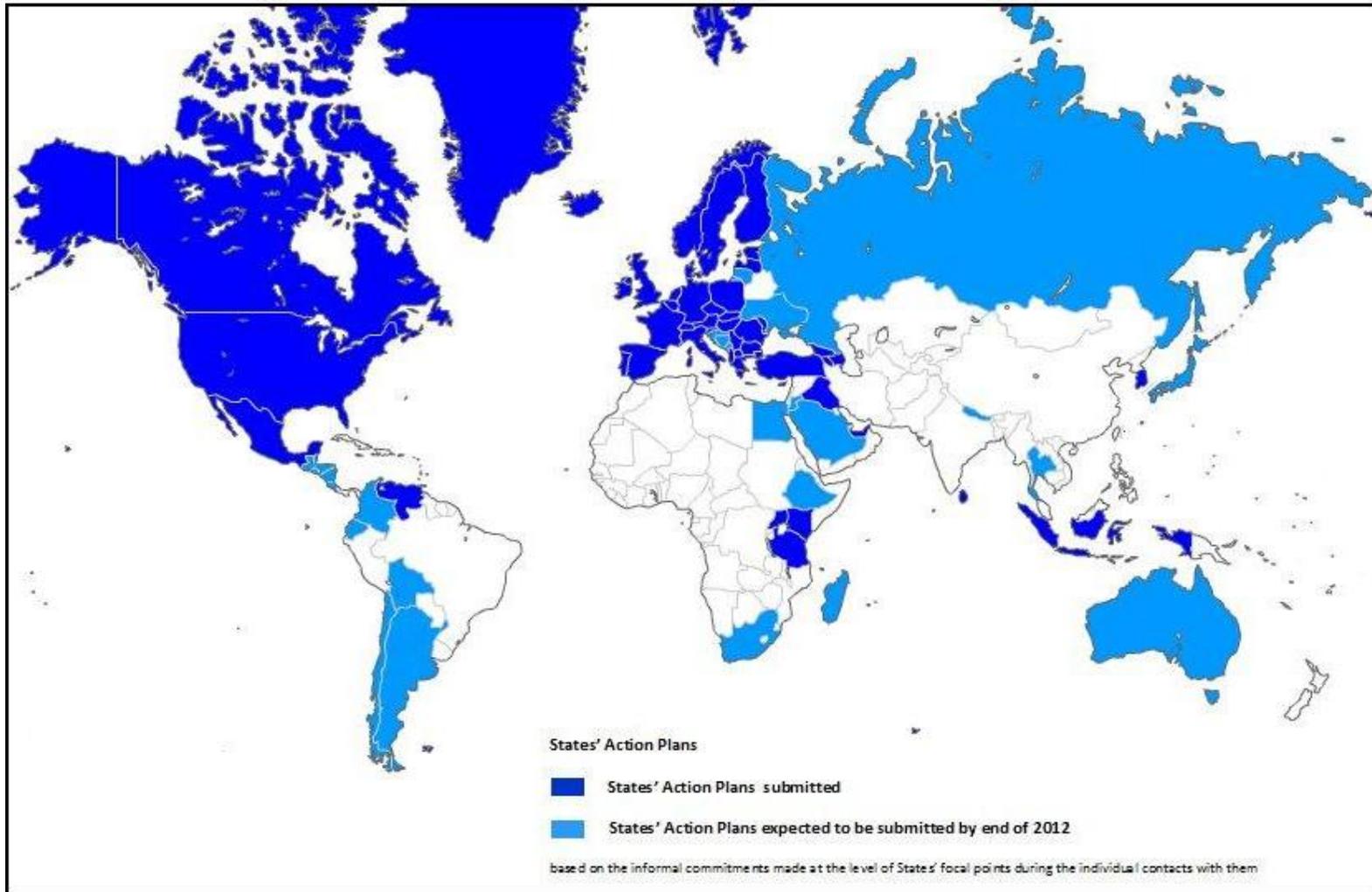
- ICAO Action Plan Team
- ICAO Regional Office Focal Points
- State focused Individual meetings and guidance

Correspondence via emails, phone calls
Conference calls
Face-to-face meetings



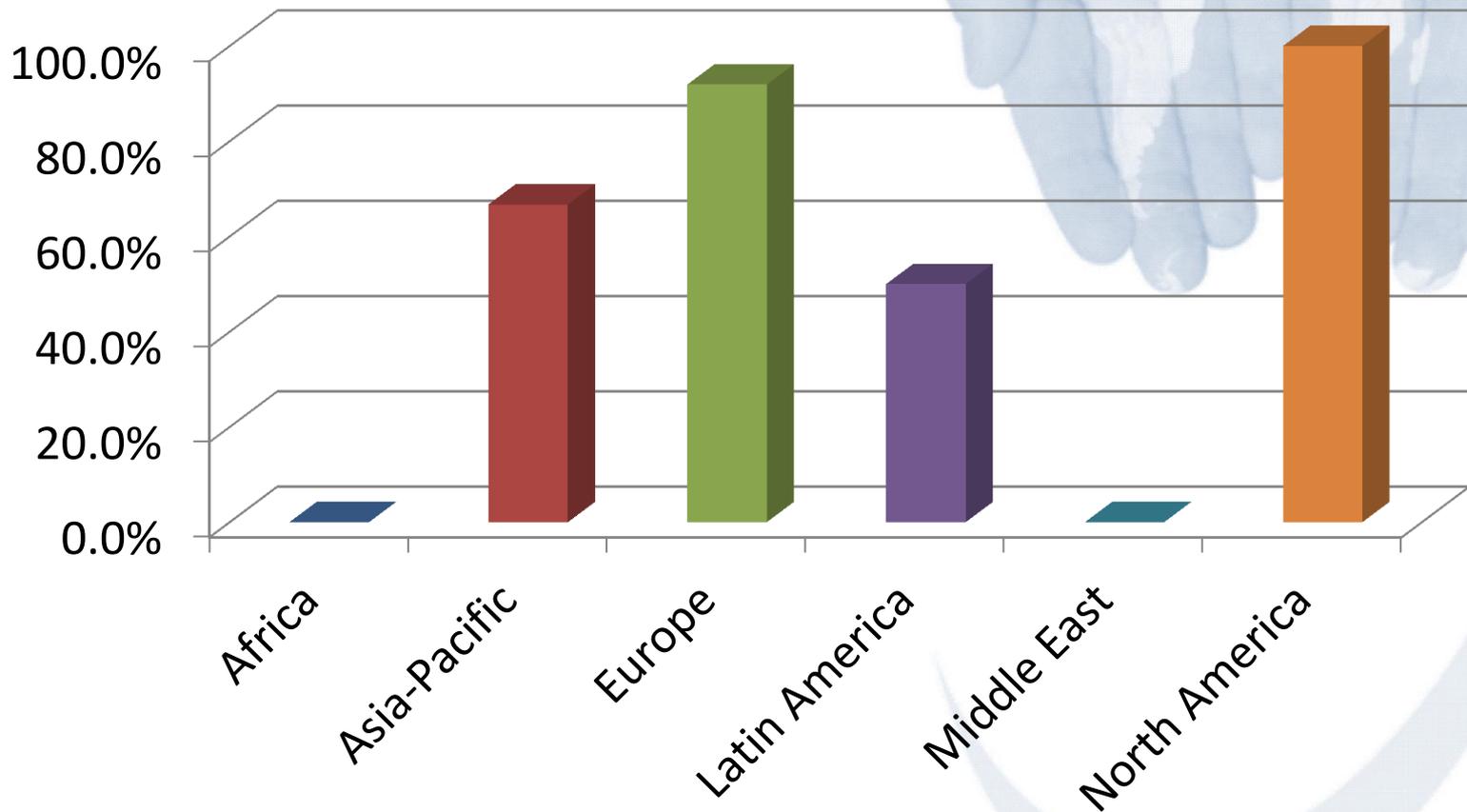
States' Action Plans

49 Member States that represent 62.6% of global international air traffic developed and submitted action plans to ICAO (as of 4 October 2012)





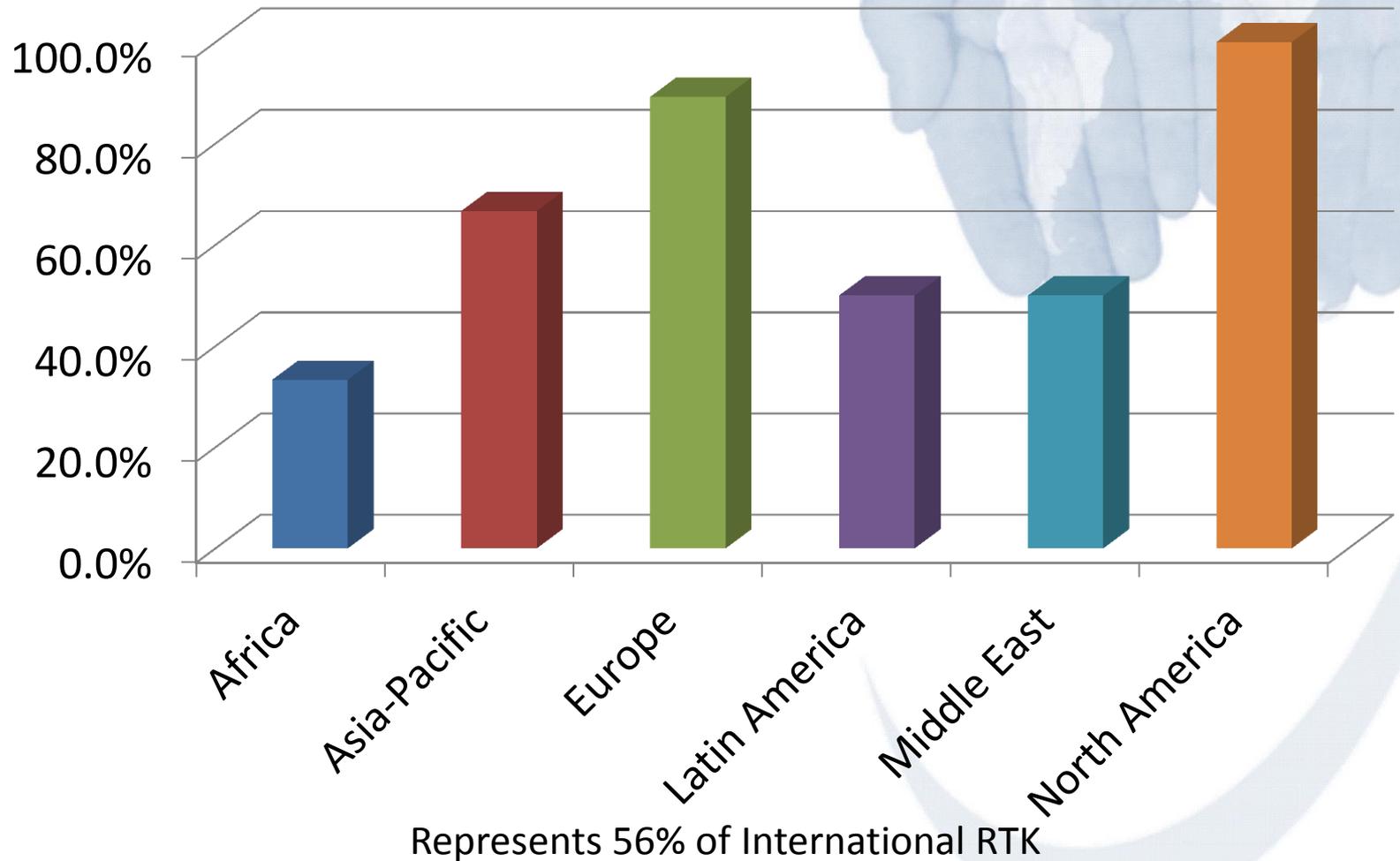
Aircraft related technology development measures of States Reporting Action Plans



Represents 55% of International RTK



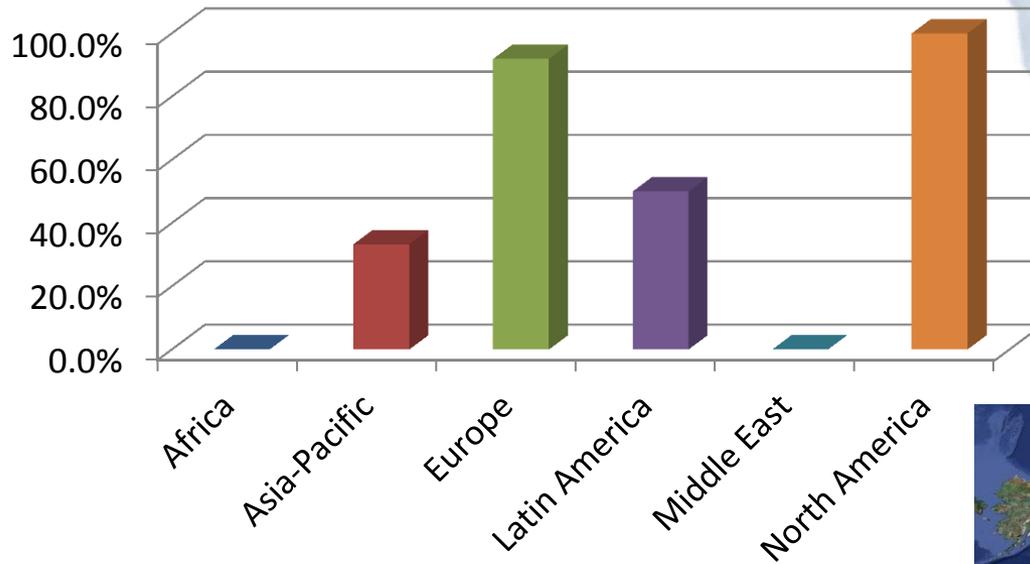
Air traffic management and infrastructures use measures of States Reporting Action Plans





Alternative fuels measures of States Reporting Action Plans

Alternative Fuels



Represents 52% of International RTK





Assistance Requested

Development and Refinement of Action Plans

- Nineteen States are being currently assisted in the development and refinement of their action plans
- Additional States have requested support through TCB

Data Analysis and Interpretation

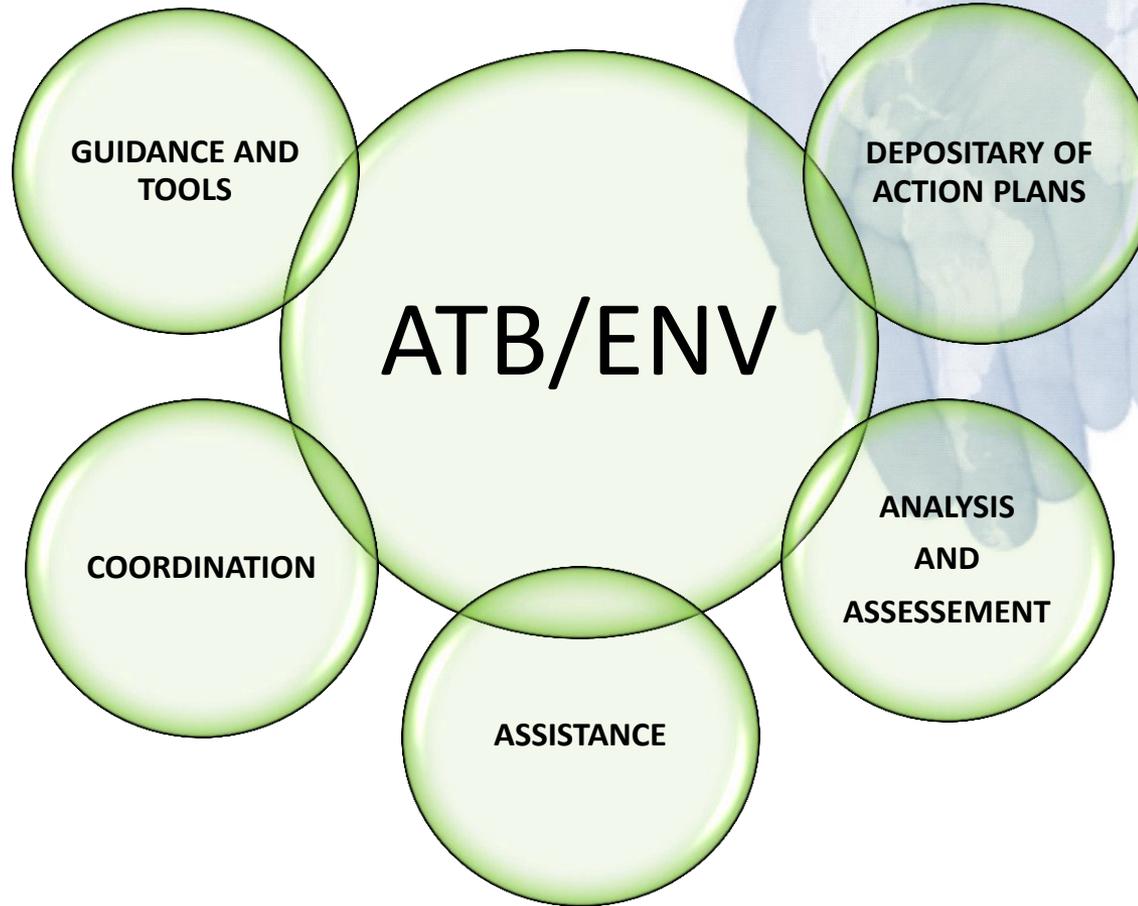
- Assistance has been provided to Regional and International Organizations (e.g. ASECNA representing seventeen States)

Implementation

- Eight States identified assistance needs for the implementation of measures in their action plans



ICAO Support



In cooperation with :

ANB

ATM measures, Operational initiatives, Tools Development, Quantification

EAP

Data

ROs

Regional Offices

TCB

Technical Cooperation



Cooperation with other Organizations

ICAO also works in collaboration with International Organizations:

- Airport Council International (ACI) – Airports
- International Air Transport Association (IATA) – Airlines
- CANSO – ANSP
- ASECNA – ANSP



Next Steps

- Review Action Plans submitted
- Analyze and work with States to improve their Action Plans
- Provide platform to exchange good practice
- Continued assistance to States and group of States for developing their Action Plans in 2013
 - Pacific Island States
 - Africa
- One workshop per region for the next triennium



Next Steps (Contd.)

- Assist States to implement their measures/ actions described in their action plans
- Create Partnerships with main stakeholders to facilitate implementation of measures by States
- Next submission of Action Plans by June 2015
- Improve guidance and web interface



For more information

www.icao.int

INTERNATIONAL CIVIL AVIATION ORGANIZATION
A United Nations Specialized Agency

ABOUT ICAO | STRATEGIC OBJECTIVES ▾ | MEETINGS & EVENTS | PUBLICATIONS | ONLINE STORE | EMPLOYMENT

ICAO > Environmental Protection > Climate Change : Action Plan

Climate Change : Action Plan

A global agreement reached by the 37th Session of the ICAO Assembly in October 2010 established a new benchmark for ICAO's objective relative on aviation and climate change. It provides a roadmap for action through 2050 for the 190 Member States of the Organization and invites them to voluntarily submit their national action plans to reduce CO₂ emissions from international civil aviation to ICAO by June 2012.

The action plans will allow States to showcase the specific voluntary measures they intend to take in order to improve efficiency and thereby contribute to the global environmental aspirational goals established by the Assembly.

"ICAO environmental action plans will help States identify the most appropriate measures to reduce emissions from international aviation. They will also allow ICAO to monitor progress by States in achieving global aspirational goals and help address specific needs through more targeted technical and financial assistance," said the Organization's Council President Roberto Kobeh González in his opening address at the first ICAO Hands-on Training workshop for States' Action Plans on CO₂ Emissions Reduction Activities held in Mexico City, Mexico, the first week of May 2011.

What are action plans?

Action plans are a practical means for States to communicate to ICAO information on their activities to address CO₂ emissions from international civil aviation. The level of detail of the information contained in an action plan demonstrates the effectiveness of actions and will ultimately enable ICAO to measure global progress towards meeting the goals set by Assembly Resolution A37-19.

The aviation sector plays a central role in the national economy of any country and contributes towards its further development. Increasing environmental performance will promote sustainable growth of international civil aviation while ensuring consistency with any overarching CO₂ emissions limitation or reduction efforts in the country.

Action Plan

Action Plans submitted by States

1. United States
Aviation Greenhouse Gas Emissions Reduction Plan
2. Canada's Action Plan
English French

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