Why this project

In the last 15 years, global aviation's CO2 emissions have doubled. These emissions are projected to grow significantly in the foreseeable future. To meet the goals of the Paris Agreement of 2015, governments agreed to keep global temperature rise to no more than 2°C above pre-industrial levels. Aviation’s CO2 emissions are projected to grow in line with overall transport growth, leading to a 35% annual fuel efficiency and carbon neutral growth from 2050 onwards.

The Action Plans

The Action Plans reflect the measures governments have adopted to mitigate aviation’s CO2 emissions and are presented in an easily comprehensible format, allowing for quick and effective decision-making. The Action Plans are structured along the different steps of a comprehensive strategy for aviation’s sustainable development.

ICAO Member States had the opportunity to draft the baseline for CO2 emissions for their respective States’ Action Plans and to develop mitigation measures that are consistent with the International Civil Aviation Organization’s (ICAO) environmental programme.

The project also developed an Environmental Benefits Tool (EBT) that provides a framework to automatize the calculation of the environmental benefits of aviation-related actions that States can include in their Action Plans.

Additional benefits and synergies

Following the submission of the Action Plans, ICAO will support the States to develop detailed implementation plans that include the measures needed to effectively implement the Actions Plans. Building on these second achievements, in 2019, ICAO endorsed the Environmental Action Plan on Mitigation from International Aviation, which is intended to help States meet their climate change commitments as required under the United Nations Framework Convention on Climate Change (UNFCCC).

The project activities were implemented within the framework of ICAO’s environmental programme, which was established in 2009 to support the United Nations Framework Convention on Climate Change (UNFCCC) to achieve the commitment of States to take actions to mitigate aviation’s CO2 emissions.

Capacity Building for the Development of States’ Action Plans

The Action Plans are based on the ICAO’s National Aviation Partnerships Tool (NAPTool), which has been used by ICAO Member States to prepare their States’ Action Plans. The NAPTool is a comprehensive strategy to strengthen national capacities on environment and, specifically, to reduce CO2 emissions from domestic aviation.

The project also leveraged the NAPTool to develop a National Aviation Partnership Tool (NAPTool) that provides a framework to automatize the calculation of the environmental benefits of aviation-related actions that States can include in their Action Plans.

Implementation of mitigation measures

The project activities were implemented within the framework of ICAO’s environmental programme, which was established in 2009 to support the United Nations Framework Convention on Climate Change (UNFCCC) to achieve the commitment of States to take actions to mitigate aviation’s CO2 emissions.

The project also leveraged the NAPTool to develop a National Aviation Partnership Tool (NAPTool) that provides a framework to automatize the calculation of the environmental benefits of aviation-related actions that States can include in their Action Plans.

Support for the effective implementation of mitigation measures

Support for the effective implementation of mitigation measures is provided through capacity building activities, which include regional seminars, workshops, and training sessions. The seminars and workshops are aimed at providing States with the knowledge and skills needed to develop and implement effective mitigation measures for CO2 emissions from aviation.

Support for the implementation of the Action Plans

The project also provided support to States to implement the Action Plans. This support includes the provision of technical assistance, training, and capacity building, as well as the provision of financial resources to support the implementation of mitigation measures for CO2 emissions from aviation.
The main objective of the ICAO-EU Assistance Project is to contribute to the mitigation of CO₂ emissions from international aviation by implementing capacity building activities that will support the development of low carbon air transport and environmental sustainability in the fourteen selected States. This project is a concrete example of ICAO’s efforts to achieve the objectives of the “No Country Left Behind” initiative in the area of environmental protection.

The project has been established to create synergies and enhance collaboration between stakeholders.

**Objective 1:** Action Plan Development
- Identified Civil Aviation authorities to develop an Action Plan on CO₂ emissions mitigation measures in accordance with ICAO recommendations.

**Objective 2:** Implementation of Mitigation Measures
- Prioritization of mitigation measures identified and action plans partly implemented.

**Objective 3:** Selected States
- Efforts of the Caribbean and African States to get more involved on CO₂ emissions monitoring.

**Kenya:**
- This project gives us the opportunity to pave the way in this area, to strengthen the regional cooperation on it and to trigger interest in neighboring national civil aviation authorities to get more involved on CO₂ emissions reduction at their national level.

**Burkina Faso:**
- “Our new Action Plan, prepared under the ICAO-EU project, is an important step to promote a comprehensive strategy to address climate change in the country within the aviation sector.”

**Dominican Republic:**
- “This project is a great example of the ICAO initiative “No Country Left Behind” and such assistance project should be definitely replicated in other group of countries.”

**Cameroon:**
- “Whilst we have been implementing measures to improve fuel efficiency and reduce CO₂ emissions for some time, we have experienced challenges with a robust data collection system to measure that effective progress. This gap will be filled by the activities planned in the ICAO-EU project.”

The project includes representatives from ICAO, the European Commission and local consultants.

**Selected States:**
- Kenya
- Burkina Faso
- Democratic Republic of Congo
- Cameroon
- Chad
- São Tomé and Príncipe
- Democratic Republic of Congo
- Angola
- Chad
- Democratic Republic of Congo
- Cameroon
- São Tomé and Príncipe

**Additional Information:**
- 14 selected states from Africa.
- Implementation of an Action Plan on CO₂ emissions.
- Effort of Caribbean States to reduce CO₂ emissions.
- Effort of African States to participate in CO₂ emissions monitoring.

**Key dates:**
- Dec 2013: Project Kick-off Seminar in Kenya
- Dec 2017: Project closure