

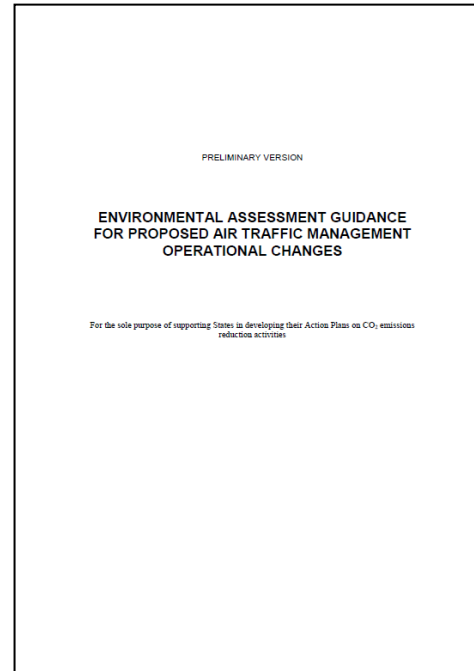
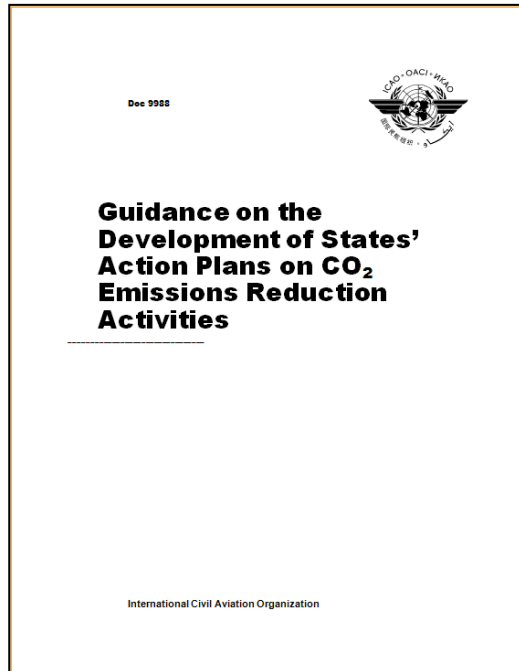


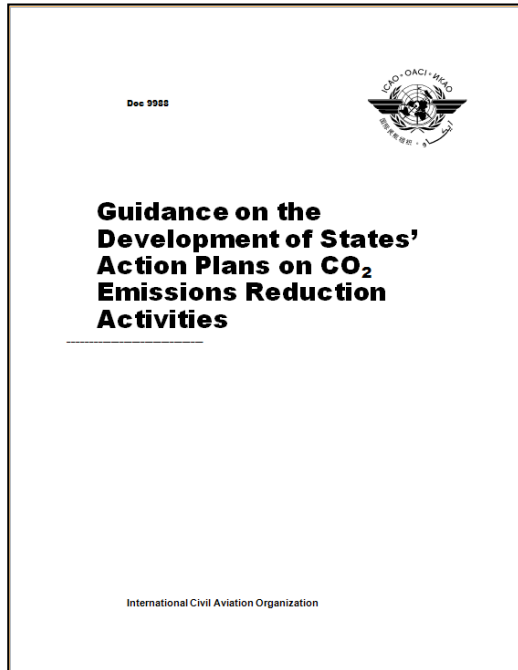
Introduction to Available Guidance

ICAO Secretariat



- Many resources are available to support the development of an Action Plan





Describes what an Action Plan should include and how to prepare it



- Purpose
- Scope
- What to submit in an action plan
- How to submit an action plan
- Planning the preparation of an action plan
- How ICAO can help



- Accounting for current and future (without action) traffic, fuel consumption and CO₂ emissions data
 - Differentiating between international and domestic emissions
 - Collecting or estimating historic aircraft activity and fuel consumption data
 - Forecasting future baseline aircraft activity and fuel consumption
 - Verification of estimates



- Selection of measures and quantifying their expected results
 - Review of the basket of measures, their feasibility and emissions reduction potential
 - Prioritization and selection of mitigation measures
 - Quantifying the effects on fuel consumption and CO₂ emissions from the measures selected

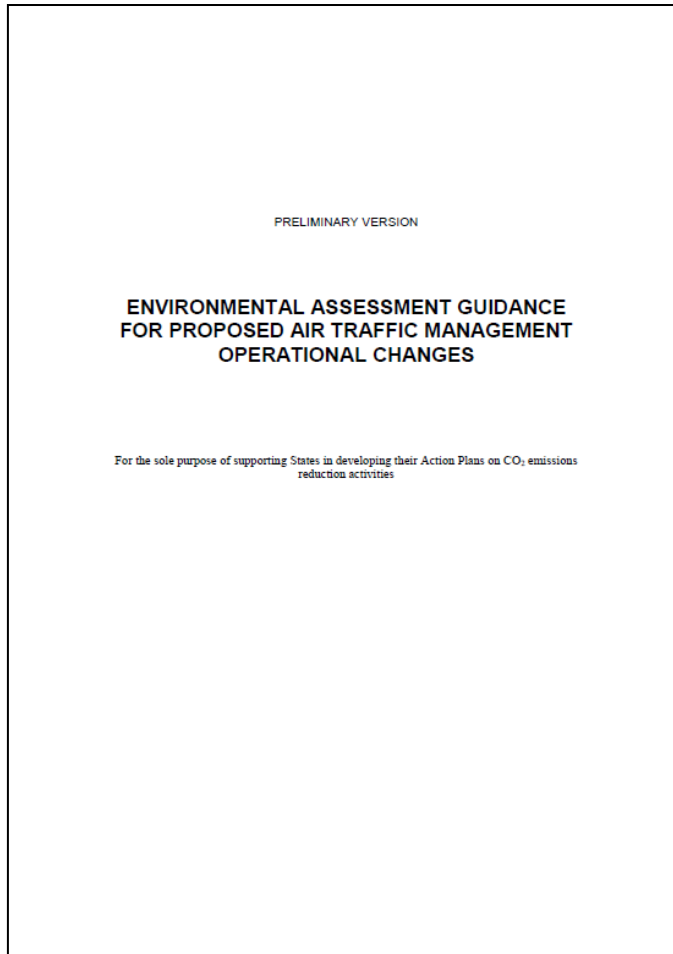


- Implementing actions and obtaining assistance
 - Implementation considerations
 - Identification of assistance needs
 - Sources of assistance



- Basket of measures to limit or reduce CO₂ emissions from international civil aviation
- Template for States' action plans on CO₂ emissions reduction activities
- Analysis methods and tools
- Reference material relevant to the implementation of mitigation measures





Presents additional information on how to assess environmental effects from operational changes



- Preparation for Conducting an Environmental Assessment
- Criteria for triggering a formal assessment
- Regulatory compliance
- Environmental parameters to be assessed
- Documentation, Communication and Reporting



- Describe proposed change, purpose and alternatives
- Determine scope and extent of assessment required
- Conduct an assessment
- Final Documentation, Communication and Reporting



- Environmental Interdependencies
- Non-environmental interdependencies

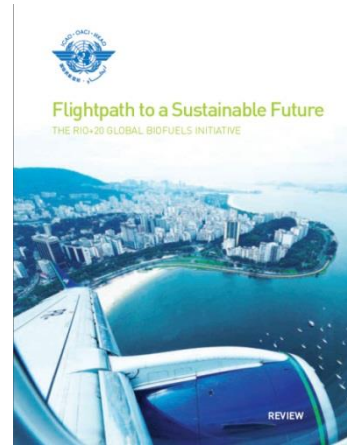
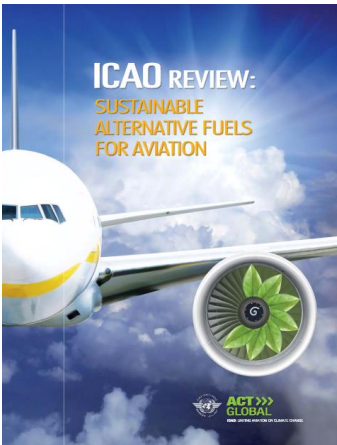
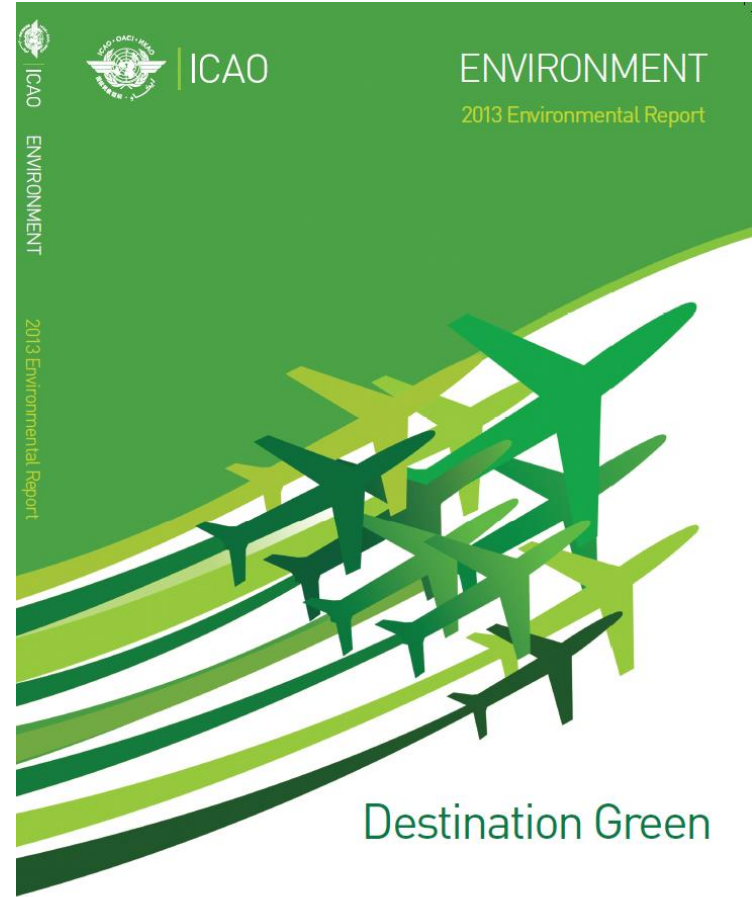
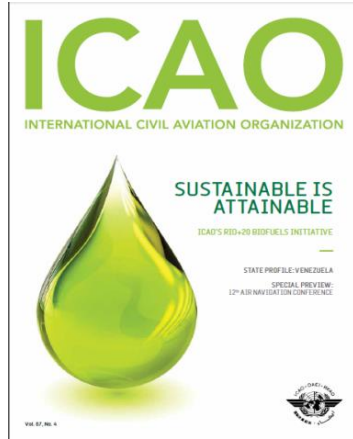
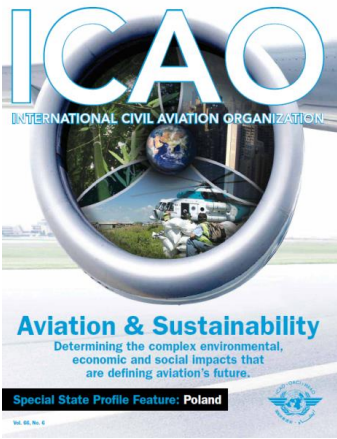


- Examples of Formal Requirements and Guidance for Environmental Assessments
- Determining the scope and extent of the assessment
- Assessment Methodologies and Key Environmental Parameters
 - Noise
 - Air Quality
 - Fuel Consumption and Greenhouse Gasses
- Risk Assessment
- Assessment Examples
- Relative and Absolute Assessments



- Over the next 2 days, the action plan guidance will be explained in detail
- Information on tools and other resources available will also be discussed





The guidance documents are available on the APER portal. Additional information is available on our website: <http://www.icao.int/env>

