



Session 3 – Part II: Navigating Emerging Environmental Topics at Airports



Thomas Cuddy

US Federal Aviation Administration



**Federal Aviation
Administration**



Jennifer Desharnais

Airports Council International (ACI)



Eco-Airport Toolkit

A set of publications that is:

- Practical, short and ready-to-use
- Airport infrastructure projects with environmental benefits
- Useful for States, airports operators, regional and local authorities
- Useful in developing markets
- E-collection freely accessible from [ICAO Environment website](#)



E-Publications completed

CAEP 12 (2019-2022)

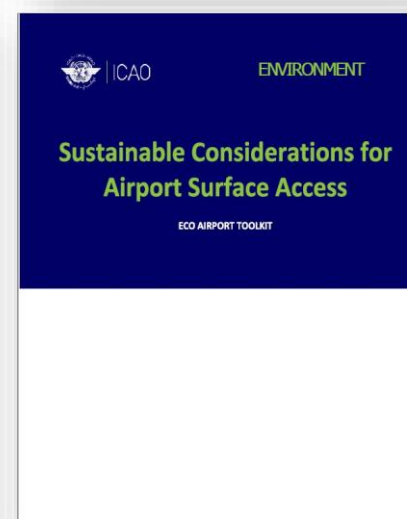
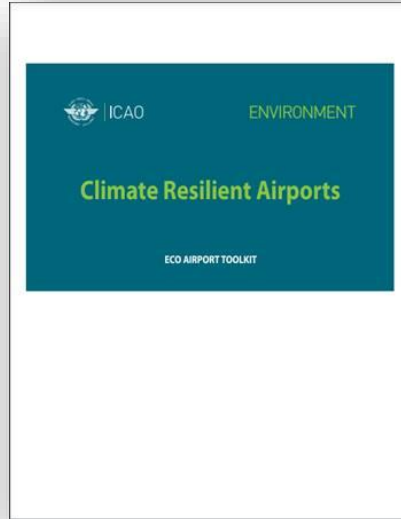
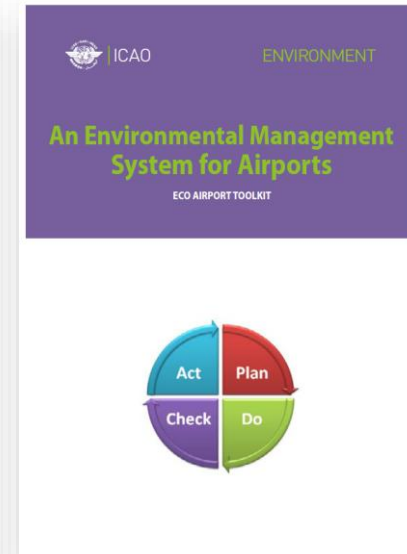
1. Climate resilient airports
2. Water management at airports
3. Air quality management
4. Green airport surface access

CAEP 11 (2016-2019)

1. Renewable energy at airports
2. Airport environmental management systems
3. Waste management at airports
4. Eco-design of airport buildings

CAEP 13 (2022-2025)

1. GHG Management and Mitigation for Airports
2. Environmental Impacts of Unmanned Aircraft Operations at and Around Airports
3. Innovation and Technology in Airport Sustainability
4. Single Use Plastics
5. Biodiversity and Nature-Based Solutions protection at Airports
6. Cleaner Energy at Airports



ICAO Website

<https://www.icao.int/environmental-protection/Pages/Ecoairports.aspx>



14 papers available to download
3 more in preparation



In 2023:

- 970 Views
- 1.66 Average views per user



3,939 Events

- Home
- Scientific Understanding
- Environmental Trends
- Technology Goals & Standards
- Aircraft Noise
- Trends
- Technology Goals
- Technology Standards (Reduction of noise at source)
- Land Use Planning and Management
- Noise Abatement Procedures
- Operating Restrictions
- Noise from Emerging Technology Aircraft
- Local Air Quality
- Trends
- Technology Goals
- Technology Standards
- Guidance on Airport Air Quality
- Climate Change
- LTAG - Long-term global aspirational goal
- Trends
- Technology Goals
- Technology Standards
- Operational Measures
- Sustainable Aviation Fuels
- Lower Carbon Aviation Fuels
- CORSIA
- Adaptation
- Financing
- Climate Neutral Initiative
- State Action Plans
- Frequently Asked Questions
- Facts and Figures
- E-learning Course
- Capacity Building and Awareness
- ACT-SAP
- ACT-CORSIA
- Buddy Partnerships
- ICAO-EU Project -Phase II
- ICAO-EU Project -Phase I
- ICAO-UNDP Project
- Airports

Eco-Airport Toolkit e-collection

International airports are the backbone of international civil aviation. In the context of air traffic growth, airports are key players in ensuring that the sector's growth is environmentally-friendly.

The objective of the **Eco-Airport Toolkit e-collection** is to provide practical and ready-to-use information to support the development of airport infrastructure projects. The themes of the publications are chosen based on immediate operational needs of States. Each publication focuses on a specific aspect of environmental planning at airports.

With this e-collection, ICAO wishes to equip States with practical information on key aspects of airport planning and design and to present concrete options they may choose to use. The "**Eco-Airport Toolkit e-collection**" is a new tool for States to take informed decisions when financing a new airport infrastructure project or environmental management enhancement programmes.



Waste Management at Airports



Waste Management at Airports - Case Studies



A Focus on the production of renewable energy at the Airport site



A Focus on the production of renewable energy at the Airport site - Case Studies



Recent titles from CAEP 13



Greenhouse Gas Management and Mitigation for Airports



Innovation and Technology in Airport Sustainability



Environmental Impacts of Unmanned Aircraft Operations at and Around Airports

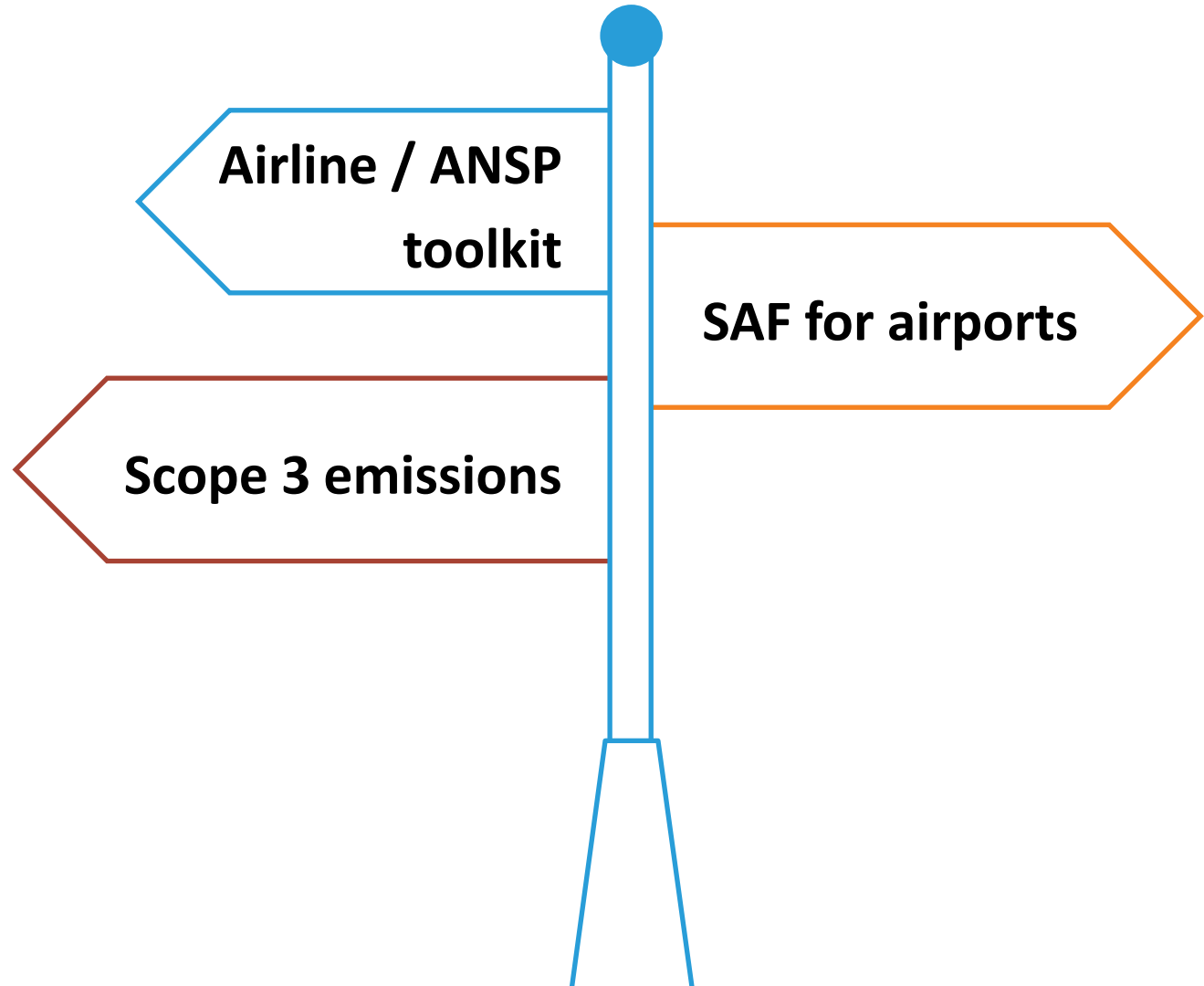
Coming
Soon

Papers in preparation
to be completed by CAEP 13

- The Challenge of Single Use Plastics
- Biodiversity in Airport Management
- Cleaner Energy at Airports

Next Steps / Possible Future Work for CAEP 14 Cycle

Review and update of past e-publications is planned as a first step.



Thank You

