Sustainable consumption and production for air transport

Henry Gourdji
Head Strategic Planning Coordination and Partnerships
International Civil Aviation Organization (ICAO)

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ICAO supports 15 of the 17 SDGs
ICAO and its stakeholders in support of SDG 12

- **ICAO**
  - Develops and maintains guidance on eco-friendly airports and evaluates policies for aircraft recycling.
  - Promotes the environmentally sound management of wastes through their life-cycle, preventing air, water and soil pollution, and consequently minimizing their adverse impacts on health and the environment.

- **States**
  - Work with the industry to support recycling of waste from international flights. Work to alter international waste legislation to allow the safe recycling of cabin waste from international flights.
  - Increase the rate of aircraft end-of-life recycling worldwide.
  - Implement policies that increase accessibility and affordability of public transport networks to tourists.
  - Support multi-modal operations for passengers and freight to improve operational efficiency and reduce emissions.
ICAO and its stakeholders in support of SDG 12

- Airports
  - Waste Management Strategy, which aims to decrease waste production
  - The use of recycled material for construction projects

- Aircraft Manufacturers
  - All members of a fleet recycling association

- Airlines
  - Recycling targets
Green airport concept – A Best Practice!

- Reduced energy consumption
- Reduced noise impacts
- Reduced hazardous and solid waste generation
- Climate resilience
- Reduced greenhouse gas emissions
- Improved water quality
- Improved community relations
- Cost savings

Sources: USFAA; Schiphol Group
Best Practices

- Singapore Changi Airport uses **recycled materials** in construction projects, including runways, roadways and drains.
- **Galapagos Airport’s terminal** is made from 80% recycled material from the old terminal and the structure that supports the new building was constructed from recycled petroleum exploration pipes, which were recovered from the Ecuadorian Amazon.
- Auckland Airport has worked with Air New Zealand and the New Zealand Government to implement an innovative cabin waste recycling programme and complies with the country’s strict quarantine laws.
- British Airways has put in place a **recycling target** of 50% at its Heathrow and Gatwick bases.
- Gatwick Airport is building the first **waste-to-energy plant** in the airport sector.