



ICAO | UNITING AVIATION

SDG 12

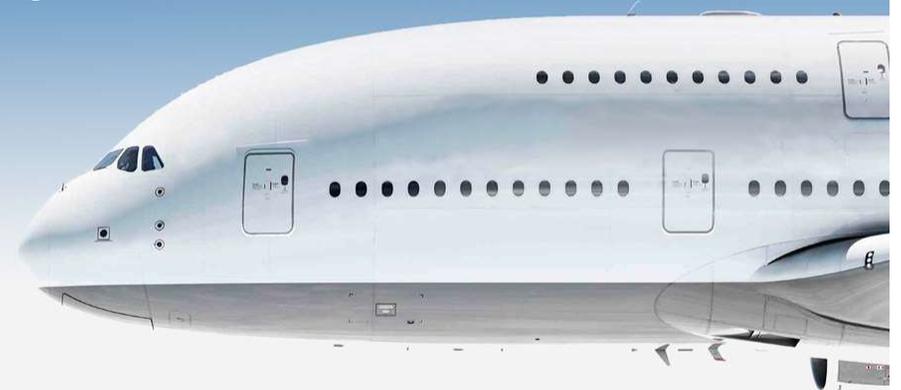


Sustainable consumption and production for air transport

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SDG 12



ICAO supports 15 of the 17 SDGs

SDGs DIRECTLY SUPPORTED BY AVIATION

<p>1 PAS DE PAUVRETE 1 NO POVERTY</p>	<p>2 FAIM «ZERO» 2 ZERO HUNGER</p>	<p>3 BONNE SANTE ET BIEN-ETRE 3 GOOD HEALTH AND WELL-BEING</p>	<p>4 EDUCATION DE QUALITE 4 QUALITY EDUCATION</p>	<p>5 EGALITE ENTRE LES SEXES 5 GENDER EQUALITY</p>	<p>6 EAU PROPRE ET ASSAINISSEMENT 6 CLEAN WATER AND SANITATION</p>	<p>7 ENERGIE PROPRE ET BON MARCHÉ 7 AFFORDABLE AND CLEAN ENERGY</p>	<p>8 TRAVAIL DÉCENT ET CROISSANCE ÉCONOMIQUE 8 DECENT WORK AND ECONOMIC GROWTH</p>	<p>9 INDUSTRIE, INNOVATION ET INFRASTRUCTURE 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p>	<p>10 INÉGALITÉS RÉDUITES 10 REDUCED INEQUALITIES</p>	<p>11 VILLES ET COMMUNAUTÉS DURABLES 11 SUSTAINABLE CITIES AND COMMUNITIES</p>	<p>12 CONSOMMATION ET PRODUCTION RESPONSABLES 12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>	<p>13 MESURES RELATIVES À LA CLIMATIQUE 13 CLIMATE ACTION</p>	<p>14 VIE AQUATIQUE 14 LIFE BELOW WATER</p>	<p>15 VIE TERRESTRE 15 LIFE ON LAND</p>	<p>16 PAIX, JUSTICE ET INSTITUTIONS SÉRIEUSES 16 PEACE, JUSTICE AND STRONG INSTITUTIONS</p>	<p>17 PARTENARIATS POUR LA RÉALISATION DES OBJECTIFS 17 PARTNERSHIPS FOR THE GOALS</p>
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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



OUR JOURNEY TOWARDS SUSTAINABLE CONNECTIONS - CORPORATE RESPONSIBILITY STRATEGY - SCHIPHOL GROUP

<p>FUTURE AVIATION SECTOR AVIATION SECTOR WITH A CLEAN FUTURE CLIMATE NEUTRAL 2040</p>	<p>RESILIENT AIRPORTS ADAPTIVE SELF-SUSTAINING AIRPORT ZERO WASTE 2030</p>	<p>WELL BEING COMMUNITIES AIRPORTS & METROPOLE AREAS GROW TOGETHER HEALTHY WORK & LIVING</p>
<p>MISSION</p> <p>SCHIPHOL GROUP STIMULATES THE AVIATION SECTOR IN THE TRANSITION TO CLEAN ENERGY AND ENLARGES AWARENESS TO FUEL CHANGE.</p>	<p>SCHIPHOL GROUP TAKES THE LEAD IN AIRPORTS SUSTAINABILITY DECLARATION IN ORDER TO STIMULATE COLLABORATION AMONG INTERNATIONAL AIRPORTS.</p>	<p>SCHIPHOL GROUP INCREASES ITS VALUE CREATION BY IMPACT MEASURING.</p>
<p>LINK SDGS</p> <p>SDG 9 INNOVATION AND INFRASTRUCTURE</p>	<p>SDG 17 PARTNERSHIPS FOR THE GOALS</p>	<p>SDG 12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> <p>SDG 13 CLIMATE ACTION</p>
		<p>SDG 8 DECENT WORK AND ECONOMIC GROWTH</p> <p>SDG 11 SUSTAINABLE CITIES AND COMMUNITIES</p>

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



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Central African
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(MID) Office
Cairo

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Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU