

Air Canada: Sustainability Efforts

Introduction Air Canada is dedicated to leading the way in environmental sustainability within the aviation industry. Recognizing the significant impact of airline operations on the environment, Air Canada has committed to various initiatives aimed at reducing its ecological footprint. This document highlights the airline's key sustainability strategies, including carbon emission reductions, the use of sustainable fuels, and strategic environmental partnerships.

Carbon Emission Reductions Air Canada has set ambitious goals to decrease its carbon emissions:

- **Carbon Neutral by 2050:** Commitment to achieving net-zero emissions by 2050, aligning with international environmental objectives.
- **Fleet Modernization:** Investment in newer, more fuel-efficient aircraft which significantly reduce fuel consumption and carbon emissions per flight.
- **Operational Efficiencies:** Implementation of flight path optimization and improved ground operations to minimize unnecessary fuel burn.

Sustainable Fuel Usage Transitioning to sustainable fuel sources is a cornerstone of Air Canada's environmental strategy:

- **Biofuel Investments:** Partnership with biofuel developers to blend conventional jet fuel with sustainable biofuels, which can reduce lifecycle carbon emissions by up to 80%.
- **Electric Aircraft Initiatives:** Exploration of opportunities in electric propulsion technologies, including investments in start-ups focusing on electric and hybrid aircraft solutions.

Environmental Partnerships Collaboration with global and local organizations enhances Air Canada's sustainability efforts:

- **IATA's Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA):** Active participation in this international agreement aiming to stabilize global airline emissions.
- **Local Conservation Efforts:** Engagement in local projects that promote biodiversity, reforestation, and habitat restoration in communities around major hubs.

Outlook Air Canada is continually exploring innovative ways to enhance its sustainability measures. Ongoing research into alternative energy sources, waste reduction programs, and sustainable business practices remains a top priority, reflecting the airline's commitment to a greener future.