

Title: Air Canada's Commitment to Environmental Sustainability

Introduction Air Canada is dedicated to reducing its environmental impact and promoting sustainability across its operations. This document outlines the various initiatives and strategies implemented by Air Canada to enhance environmental sustainability and support global efforts to combat climate change.

1. Fleet Modernization Air Canada is investing in a modern, fuel-efficient fleet to reduce greenhouse gas emissions and improve fuel efficiency. Key initiatives include:

- **New Aircraft Acquisition:** Introducing newer, more efficient aircraft such as the Boeing 787 Dreamliner, Airbus A220, and Boeing 737 MAX.
- **Retirement of Older Aircraft:** Phasing out older, less efficient aircraft to reduce overall fleet emissions.

2. Sustainable Aviation Fuel (SAF) Air Canada is committed to the use of sustainable aviation fuel (SAF) to lower its carbon footprint. Key efforts include:

- **SAF Partnerships:** Collaborating with fuel suppliers and industry partners to develop and utilize SAF.
- **SAF Trials and Integration:** Conducting SAF trials and gradually integrating SAF into regular operations.

3. Carbon Offset Program Air Canada offers a carbon offset program that enables passengers to offset the emissions from their flights. Key features include:

- **Support for Environmental Projects:** Investing in projects that reduce carbon emissions, such as reforestation, renewable energy, and conservation initiatives.
- **Passenger Participation:** Allowing passengers to voluntarily contribute to carbon offset projects when booking flights.

4. Waste Reduction and Recycling Air Canada has implemented comprehensive waste reduction and recycling programs to minimize its environmental impact. Key initiatives include:

- **Onboard Recycling:** Implementing recycling programs for paper, plastic, and aluminum on flights.
- **Waste Minimization:** Reducing the use of single-use plastics and promoting the use of eco-friendly products and packaging.
- **Repurposing Retired Aircraft:** Partnering with organizations to repurpose materials from retired aircraft for various uses.

5. Energy Efficiency Air Canada is committed to improving energy efficiency across its operations. Key initiatives include:

- **Ground Equipment Electrification:** Transitioning to electric ground support equipment to reduce emissions at airports.
- **Energy-Efficient Facilities:** Implementing energy-saving measures at airports, offices, and maintenance facilities.

6. Water Conservation Air Canada promotes water conservation practices to reduce its water usage and support sustainable water management. Key efforts include:

- **Efficient Water Use:** Implementing water-saving technologies and practices in its operations.
- **Water Recycling:** Utilizing water recycling systems where feasible to minimize water waste.

7. Environmental Compliance and Reporting Air Canada adheres to stringent environmental regulations and standards. Key practices include:

- **Compliance Monitoring:** Regularly monitoring and ensuring compliance with environmental laws and regulations.
- **Sustainability Reporting:** Publishing annual sustainability reports that detail the airline's environmental performance and progress.

8. Community and Industry Engagement Air Canada actively engages with communities and industry partners to promote sustainability. Key activities include:

- **Environmental Partnerships:** Collaborating with environmental organizations, government agencies, and industry groups to advance sustainability initiatives.
- **Community Outreach:** Supporting community-based environmental projects and raising awareness about sustainability.

9. Innovation and Research Air Canada is committed to innovation and research to develop new solutions for environmental sustainability. Key areas of focus include:

- **Alternative Energy Sources:** Exploring the use of alternative energy sources, such as solar and wind power, for its operations.
- **Sustainable Materials:** Researching and adopting sustainable materials for use in aircraft and facilities.

10. Future Sustainability Goals Air Canada has set ambitious goals to further enhance its sustainability efforts. Key targets include:

- **Net-Zero Emissions by 2050:** Committing to achieving net-zero carbon emissions by 2050 through various initiatives and strategies.
- **Interim Emissions Reduction Targets:** Setting interim targets to reduce carbon emissions by 20% by 2030 and 40% by 2040.
- **Continuous Improvement:** Continuously seeking new ways to improve environmental performance and reduce the airline's environmental footprint.

Conclusion Air Canada's comprehensive environmental sustainability initiatives demonstrate its commitment to protecting the environment and supporting global sustainability efforts. By investing in modern technologies, promoting sustainable practices, and engaging with stakeholders, Air Canada aims to lead the aviation industry in environmental stewardship.