



 LEAVE LESS
Laissez moins

LEAVE LESS, DO MORE

Air Canada's strategy to protect the environment and the communities we serve.

Leave Less

We minimize our environmental impact throughout our operations by leaving less carbon in our atmosphere, less waste in our land and water, and producing less noise in our communities.

Do more

We increase collaboration with our industry partners, communities, employees and customers.

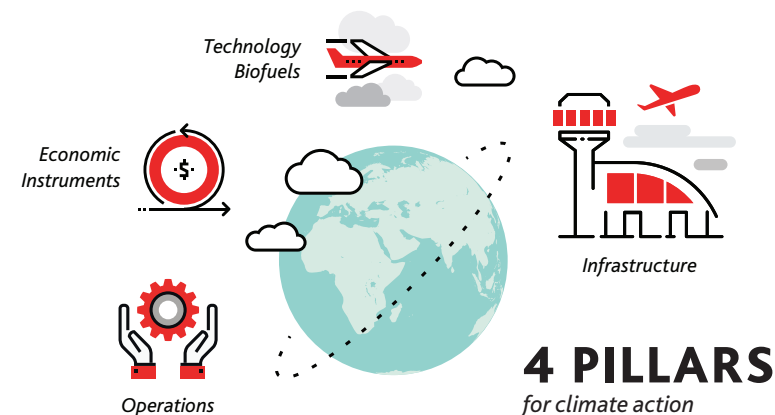
LESS CARBON

Our climate action plan

We've endorsed the aviation industry's four-pillar strategy for climate action.

Through research and policy work we support the development of a Canadian biojet supply chain.

To date, we have completed a total of 8 biojet flights resulting in a carbon reduction of over 75 tonnes of CO₂. That's equivalent to taking 16 passenger vehicles off the road each year!



4 PILLARS
for climate action

Air Canada has endorsed the following global collective industry goals

1.5%

Annual improvement in fuel efficiency until 2020

Stabilise net CO₂ emissions from the sector at

2020

levels through carbon-neutral growth

-50%

A reduction in net aviation CO₂ emissions of 50% by 2050, relative to 2005 levels

We've also partnered with Less Emissions Inc. to enable customers to fly carbon neutral, by purchasing high quality carbon offsets.





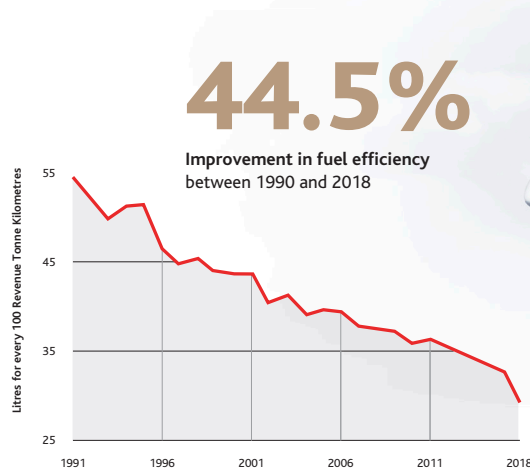
In 2016 Air Canada alongside 14 stakeholder organizations participated in Canada's Biojet Supply Chain Initiative (CBSCI), the first project of its kind in Canada.

As part of the project, 230,000 litres of sustainable jet fuel were blended into the Toronto Pearson Airport's multi-user fuel supply system to show the feasibility of biojet use in a shared fueling systems at Canadian airports. The biojet was allocated to 22 flights on Earth Day 2018.

LESS ENERGY

The most important factor in reducing GHG emissions has been the continuous improvement in aircraft and engine efficiency.

Our Fuel Efficiency Team works to reduce consumption both on board and in our ground operations. Take our lightweight livery paint for example, which in 2018 saved us over half a million litres of fuel and the electrification of over 40% of our ground equipment.



Air Canada currently has one of the youngest fleets in the industry, and by 2021 the average age of the mainline fleet will be 8.5 years.

LESS WASTE

Air Canada's 2020 waste reduction targets:

Offices and facilities

-20%

Offices

In 2019, we implemented centralized waste, recycling and organics stations at our Montreal Headquarters and continue to roll this program out across Canada.

Facilities

By separating wood, metal, and plastic film at our operational facilities, we divert unnecessary material from landfill.

Maple Leaf Lounges

-20%

We have increased our organic recycling at 3 Canadian Maple Leaf Lounges and are looking to extend this program.

On Board Recycling

50% of approved items onboard.

We have established recycling processes for domestic waste at 9 of our major Canadian airports.

Through these programs and more, we are well on our way to achieving our targets.



To date we have donated over

-  **50,000 uniforms**
-  **166,000 pillow Cases**
-  **800 pairs of Rouge uniform pants**
-  **2500 safety vests**
-  **11,000 duvets**

DO MORE

– Community Partnerships



Air Canada Beehives

In 2018, we installed two beehives, housing over 100,000 bees at our Montreal headquarters, enabling our employees to participate in workshops about bees and the environment. Honey from the hives is occasionally available in our Toronto, Montreal, and Vancouver Maple Leaf Lounges.



Sustainability Scholarships

We created a scholarship, open to children of our employees registered in a post-secondary institution, in any field.

Each applicant must submit a 500-word essay demonstrating how sustainability issues are integrated into their educational pursuits.



Fly Quieter

We're retrofitting our A320 family aircraft to reduce noise at the source, while actively participating with multiple stakeholders like airport authorities, local government, and air carriers, on noise committees to improve noise conditions around airports.



Tree Planting

Many of our employees regularly participate in various tree planting events across Canada.

DO MORE

– Plastic Reduction Initiative

Our ongoing plastic reduction efforts include researching and rethinking decisions made at various stages of our supply chain, with the goal of minimizing single use plastics on board and within our facilities and operations. In 2018, we identified options to eliminate, replace, reduce or recycle our single-use plastic items onboard and announced in 2019 the removal of 35 million plastic items from service.

We're proud partners with 4ocean, a company dedicated to actively removing waste plastics and trash from the ocean and coastlines while inspiring individuals to work together for cleaner oceans.

A company dedicated to removing waste plastics and trash from the ocean and coastlines, while inspiring individuals to work together for cleaner oceans. As the exclusive Canadian airline to sponsor 4ocean, this partnership marks an important milestone in our plastic reduction strategy and creates opportunities for Air Canada employees to participate in coastal North America clean-ups in 2019.



Environmental and sustainability strategy



A STAR ALLIANCE MEMBER 

Any questions or comments?
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