

#FLYCARBONNEUTRAL

with  **HARBOUR AIR
SEAPLANES**



Fueling low carbon innovation,
climate action, and industry
leadership for cleaner and
greener aviation.

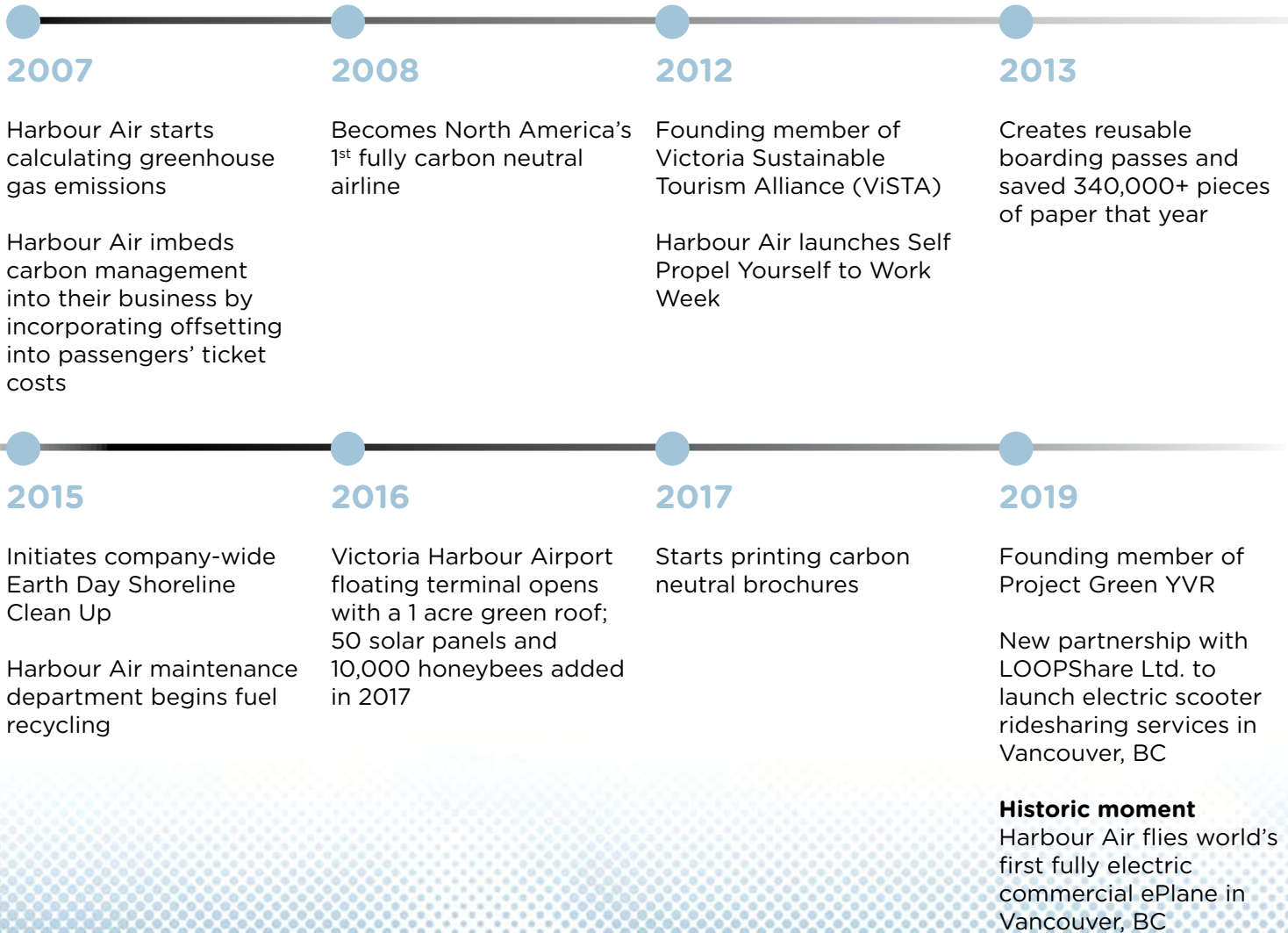
Harbour Air's GHG Report has been produced by Offsetters
January 2020



A History of Innovation and Leadership

Creating meaningful impact has always been core to Harbour Air's business. As a Vancouver-based business, Harbour Air has been driving sustainable innovation, internal change, and thought leadership within their organization and industry for decades.

A history of climate leadership

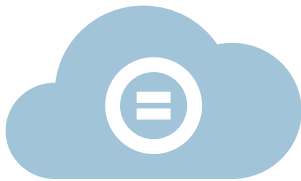


A Champion for Climate Action

Since 2007, Harbour Air and Offsetters, one of Canada's leading carbon management providers, have worked together to understand and reduce the airline's impact on the climate. Harbour Air has been a Carbon Neutral Airline for 12 years and has continuously committed to emission reductions and more sustainable business practices.

over
141,000  **TONNES**
IN CARBON OFFSETS

• since October 2007 •



Harbour Air

HAS OFFSET

100%
of their
emissions
since 2007

Offsetters measures Harbour Air's greenhouse gas emissions (GHGs) from offices, terminals, operations, and flights. To calculate Harbour Air's corporate emissions, Offsetters works with them to examine fuel records, employee commuting habits, electricity and natural gas consumption, business travel, and paper use.



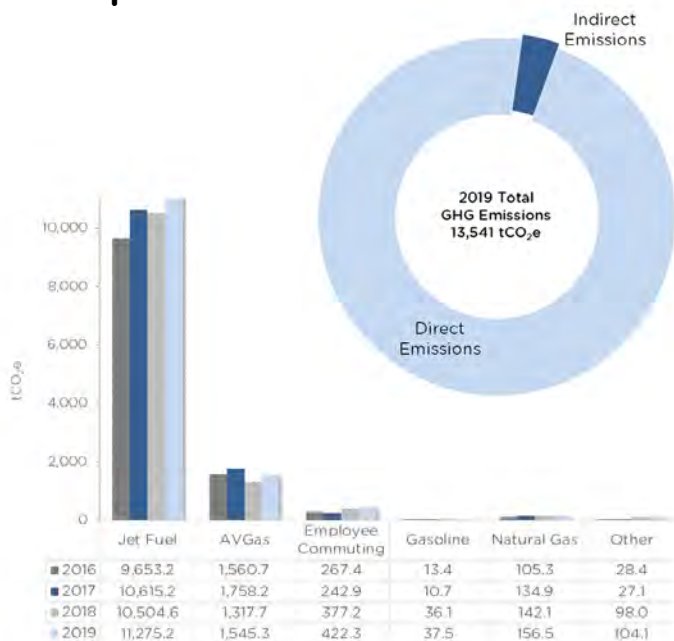
A Front-runner for Transparency and Accountability

Harbour Air is dedicated to transparency and accountability through their climate efforts. Similarly to following safety standards in aviation, they commit to following rigorous international standards for calculating their GHG inventories. Harbour Air’s inventories are completed according to the guidelines of the “Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard”, published by the World Resources Institute and the World Business Council for Sustainable Development.

All GHG emissions are measured in tonnes of carbon dioxide equivalent (tCO₂e)—the standard unit for quantifying the impact of different greenhouse gases, based on the global warming potential of each gas.

Sustainable Growth for a Better Future

2019 GHG Footprint



Emissions from Seaplane fuel use

94.7% 2019

Key Number: Scope 1 emissions totalled 13,077 tCO₂e. Scope 2 were 8 tCO₂e and Scope 3 totalled 455 tCO₂e.

Key Insight: Total emissions increased by 9.8% since 2018, with aviation and jet fuel as the two main sources of emissions.

Key Message: Throughout history, reducing airplane fuel emissions has been nearly an impossible feat. Harbour Air’s commitment to rolling out an all-electric airplane fleet will dramatically reduce fuel-related aviation emissions.



since 2007,
TOTAL EMISSIONS
PER REVENUE DOLLAR
HAVE DECREASED BY

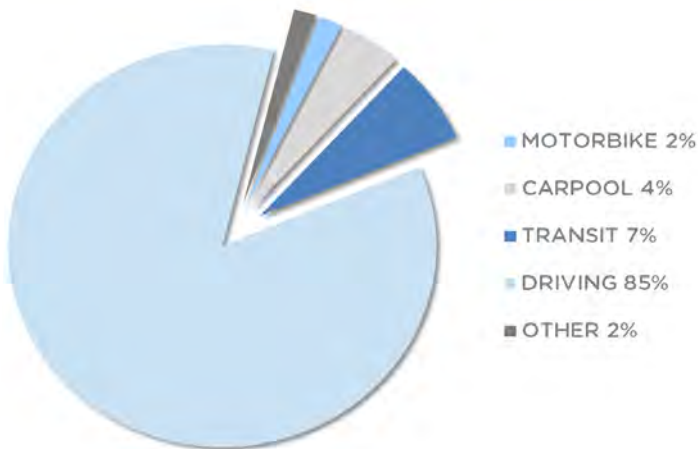


HARBOUR AIR



LOCAL STAFF
throughout the year

Employee Commuting (Emissions by transportation method)



Key Number: Counts for 3.1% of total emissions.

Key Insight: Driving, motorbikes, carpool, and other transportation account for 93% of employee commuting emissions, while public transit accounts for 7%.

Key Message: To reduce employees' commuting emissions, Harbour Air will continue to encourage employees to use more low carbon modes of transportation such as taking transit or carpooling.



Local and Global Impacts

Harbour Air's offset portfolio currently consists of four projects from British Columbia and around the world. The offset projects Harbour Air supports are high-quality, third-party verified, and ensure emission reductions that otherwise would not have occurred.



Great Bear Forest Carbon Project, British Columbia

The Great Bear Rainforest is home to the largest intact coastal temperate rainforest in the world. This is an Improved Forest Management project, which generates emission reductions by protecting forest areas that were previously designated, sanctioned, or approved for commercial logging. Without offset funds, the protected areas would not have been established and harvest levels would not have been reduced.



Efficient Wood Cook Stoves, Uganda

Carbon offset funds enabled the increased distribution of efficient wood burning cook stoves in Uganda to households and institutions. Open fire cook stoves in developing countries have been found to be a significant source of black carbon—a climate change accelerator. The project reduces particulate matter released from traditional stoves, reduces fuel wood consumption by more than 50%, and enables the capture of ~20,000 tCO₂e per year.



Quadra Island Forestland Conservation Project, BC, Canada

Carbon offset funds enabled the conservation of 417.9 hectares of forestland on Quadra Island, that were previously slotted for vacation home developments and logging. Due to the area's distinctive habitat features, cultural significance, and Aboriginal heritage sites, the Province had wanted to protect the area for almost 20 years but insufficient capital kept them from doing so.



Lower Zambezi REDD+, Zambia

Funding from carbon credits allows local communities and forest management professionals to conserve a highly threatened wildlife corridor, which separates Zambia's national capital and the Lower Zambezi National Park. In addition to protecting wildlife habitat and creating sustainable livelihoods, preventing the release of CO₂e from deforestation will play a role in mitigating global climate change.

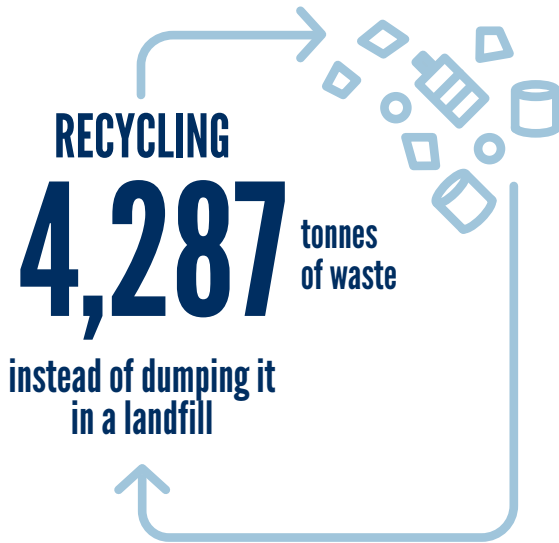


Harbour Air's Impact in 2019

Offsetting these emissions is equivalent to:

In 2019,
Harbour Air's
footprint was

13,541 tCO₂e



An Industry Leader in Climate Action

ONE OF
**CANADA'S BEST MANAGED
COMPANIES**
2009-2019

CANADIAN TOURISM AWARDS
**BUSINESS OF
THE YEAR**
2019

TOURISM VANCOUVER ISLAND
**INNOVATOR OF THE YEAR
AWARD**
2019

TRIPADVISOR
**CERTIFICATE OF
EXCELLENCE**
2019

RECEIVED
**ECOSTAR AWARD FOR
CLIMATE ACTION**
2019



**OVER
800**
flights donated yearly



Making the History Books



Harbour Air’s consistent commitment to taking real climate action has always kept them ahead of the curve in their industry. At the end of 2019, Harbour Air made headlines for launching the World’s First Flight of a Fully Electric Commercial Aircraft—an important step towards operating the world’s first all-electric commercial aircraft fleet.

Recognizing the significant carbon footprint associated with the aviation industry, this is a historic milestone towards reducing not only their emissions, but setting a precedent for the rest of the industry as well. Harbour Air is on track to becoming the world’s leading airline in low carbon aviation.



Looking Forward

Under the Paris Agreement, Canada is committed to a national GHG reduction target of 30 percent below 2005 levels by 2030¹.

To achieve this target, the Government of Canada is addressing GHG emissions on a sector-by-sector basis. Canada's Action Plan to Reduce Greenhouse Gas Emissions from Aviation (Canada's Action Plan) outlines an aspirational goal to improve fuel efficiency from a 2005 baseline by an average annual rate of at least 2 percent per year until 2020².

Canada has also signed onto ICAO's Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA). Doing so requires that emissions from international flights, which exceed those established in the baseline year of 2019-2020, be offset beginning in 2021³.

Harbour Air goes well beyond this commitment by purchasing carbon credits to offset GHG emissions from all flights—domestic and international—and offsetting their entire corporate footprint as well.

Harbour Air is also committed to making real emissions reductions. They manage their fleet renewals, guide flight operations, and optimize air traffic as a function of good business practices. Efforts on these fronts serve to make the business more efficient, which correlates directly with lower emissions.

¹ Government of Canada, "Progress towards Canada's greenhouse gas emissions reduction target," <https://www.canada.ca/en/environment-climate-change/services/environmental-indicators/progress-towards-canada-greenhouse-gas-emissions-reduction-target.html>, (January 9, 2020).

² Government of Canada, "Canada's Action Plan to Reduce Greenhouse Gas Emissions from Aviation," <https://www.tc.gc.ca/eng/policy/acs-reduce-greenhouse-gas-aviation-menu-3007.htm>, (May 27, 2015).

³ ICAO, "Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)," <https://www.icao.int/environmental-protection/CORSIA/Pages/default.aspx>, (2020).



Thank you for flying carbon neutral

with



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