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The Toronto Port Authority, doing business as PortsToronto since January 2015, is a government business enterprise operating pursuant to the *Canada Marine Act* and Letters Patent issued by the federal Minister of Transport. The Toronto Port Authority is hereafter referred to as PortsToronto.

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# Introduction



## LAND ACKNOWLEDGEMENT

PortsToronto, owner and operator of Billy Bishop Airport, operates under its mandate on the traditional territory of many nations, including the Mississaugas of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples, and is now home to many diverse First Nations, Inuit and Métis peoples. PortsToronto respects that the Crown and the Mississaugas of the Credit signed Treaty 13, which covers the lands of the City of Toronto, and the Williams Treaties signed with multiple Mississaugas and Chippewa bands. Today, Toronto is still home to Indigenous people and we are grateful to have the opportunity to meet and work on this territory.

## OUR PROMISE

Express gratitude to Mother Earth and for the resources we are using, and honour all the First Nation, Métis and Inuit people who have been living on the land since time immemorial. PortsToronto consults and engages with the Mississaugas of the Credit First Nation on all proposed projects.

# Executive Message

## Welcome to Billy Bishop Toronto City Airport's 2021 Sustainability Report.

Billy Bishop Airport is proud to present our fifth annual Sustainability Report, a document that captures our continuing efforts to employ environmental best practices and engage in an open and ongoing dialogue on opportunities to maximize sustainability efforts within our business, our operations and our community.

In this fifth edition of our report, we have streamlined our approach to focus on the projects, practices and choices that truly set Billy Bishop Airport apart and make us a leader in how a modern airport operates in an urban environment.

Each year, we consult with environmental experts to help guide our sustainability reporting, ensuring we remain aligned with global reporting best practices and hold our operations accountable to a high degree of environmental performance. New this year, and complementary to the overarching Global Reporting Initiative (GRI) methodology that provides the framework of our reporting, we have detailed our contributions toward the United Nations Sustainable Development Goals (SDGs) in a new chart located in the appendix to this report.

We continue to prioritize this work so that our community and government partners can track our progress, and so that we can share our successes and drive positive change among our stakeholders and business partners.

Over the years, Billy Bishop Airport has made continuous and significant investment in an effort to create balance between our commercial operations and the surrounding community. The *Marilyn Bell I*, now Canada's first truly zero-emission, lithium-ion electric ferry, is an example of this commitment and ticks all the boxes in our vision for this airport and its operations.

In operation since 2010, and upgraded to bio-diesel fuel in 2018, the vessel's diesel generators and engines were removed in 2021 to make way for a new electric power and propulsion system that operates far more quietly, dramatically reducing related noise in the surrounding community and building on Billy Bishop Airport's strong Noise Management Program.

With a new suite of lithium-ion batteries powered entirely by electricity from clean wind and solar sources provided by Bullfrog Power, the retrofitted *Marilyn Bell I* will eliminate GHG emissions from the ferry operation, reducing the airport's direct, or Scope 1, emissions by approximately 530 tonnes per year.

In fact, Billy Bishop Airport is proud to be among Bullfrog Power's largest purchasers of clean energy since 2010, and we remain the only airport in Canada to use clean energy to power all of our operations, including the pedestrian tunnel and *Marilyn Bell I* ferry.

By choosing green electricity – thereby keeping our Scope 2 emissions at zero for more than a decade – and making significant investments in order to reduce our own, direct emissions, we are modelling sustainable business practices and making considerable progress toward our goal of counting Billy Bishop Airport among the cleanest, greenest and quietest airports in the world.



# Executive Message

Yet, sustainability is about more than careful attention to GHG emissions; it is also about fostering sustainable communities and the strong economies needed to support them.

This past year, we joined the City of Toronto to celebrate the completion of the first phase of the City-led Bathurst Quay Revitalization Plan. This multi-phase project included investments on our part to reduce the airport's footprint, improve traffic flow in the Bathurst Quay area and provide new parking and pick-up, drop-off zone for the Waterfront School.

These improvements will benefit the community and the environment, while creating a welcoming entry point for visitors to Toronto arriving at Billy Bishop Airport.

Our Safe Travels Program – which addresses the needs and requirements on travel in today's world – achieved global health accreditation through Airports Council International (ACI) in 2021. This was a point of pride and further recognition of our commitment to the health and safety of passengers, staff and partners alike as we resumed commercial airline service on September 8, 2021, and looked toward the recovery of the aviation sector.

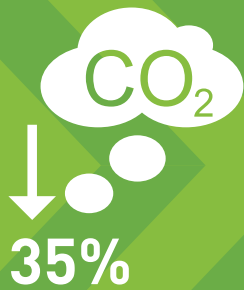
Without doubt, we have made enormous strides toward our GHG emissions reduction targets in 2021 with the conversion of the *Marilyn Bell I* to electric power and the elimination of the airport's most significant source of direct emissions. However, we recognize that climate action is an ongoing pursuit, and that there is more to be done.

As we reconnect with travellers and resume more “normal” operations in the year ahead, environmental performance will remain at the forefront of our plans, and work has already begun to identify a new path toward strengthened climate action goals and emissions reductions targets. For now, let us take a moment to celebrate the achievements of the year 2021. I hope you enjoy reading more in the pages that follow.



**Gene Cabral**  
Executive Vice President,  
PortsToronto and Billy Bishop Toronto City Airport





In 2017, under the guidance of Delphi Group, Billy Bishop Airport set the target of a 35 per cent carbon reduction below 2015 levels by 2030 and identified a pathway to achieve this goal.

At the time, this target was aligned with those set by all three levels of government, however we recognize that it is now outdated and are working on a pathway toward achieving a strengthened target.

100%

Since 2010, Billy Bishop Airport has powered all of its operations with 100 per cent green electricity through Bullfrog Power Canada.

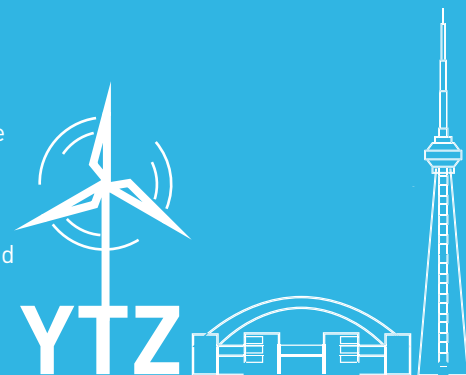


## 2021 in Review

# AÉROPORT DE TORONTO BILLY BISHOP TORONTO CITY AIRPORT

23%

In 2021, Billy Bishop Airport reduced its Scope 1 and Scope 2 emissions by approximately 23 per cent by using Bullfrog Power's clean energy, which comes exclusively from a blend of EcoLogoM-certified wind and low-impact hydro power.



Since joining the bullfrogpowered community, Billy Bishop Airport has displaced more than 18,175 tonnes of CO<sub>2</sub> — the same amount of CO<sub>2</sub> emissions produced by the consumption of 7,705,920 litres of gasoline.

This is the equivalent of taking 3,944 cars off the road for one year or diverting more than 6,180 tonnes of waste from the landfill.



196,000  
litres



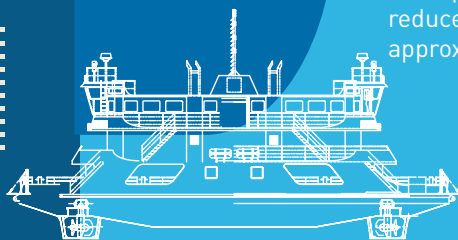
Converting the *Marilyn Bell I* ferry to electric power will eliminate the consumption of approximately 196,000 litres of diesel fuel per year.

0  
-  
zero

Billy Bishop Airport's Scope 2 emissions have been zero since 2010 due to our use of 100 per cent renewable electricity through Bullfrog Power.

530 tonnes

The retrofitted *Marilyn Bell I* will eliminate greenhouse gas emissions from Billy Bishop Airport's ferry operation, and will reduce the airport's direct emissions by approximately 530 tonnes per year.



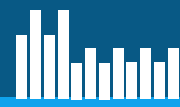


**41%**

We encourage passengers to use green transportation to get to and from the airport. 41 per cent of travellers walk, bike or take transit from Billy Bishop Airport – one of the highest percentages in North America.

**4**

As part of our continuing efforts to ensure improvements between airport operations and the surrounding community, Billy Bishop Airport currently operates four NMTs that provide ongoing noise-level data to the airport's noise management office.



## 2021 in Review

# AÉROPORT DE TORONTO BILLY BISHOP TORONTO CITY AIRPORT

**\$4.8 billion in GDP**

According to a 2021 study by York Aviation, Billy Bishop Airport has the potential to contribute \$4.8 billion in GDP annually to the City of Toronto and Province of Ontario by 2025.



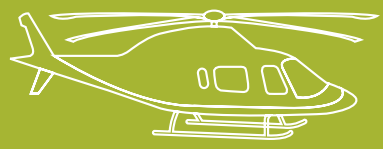
**6**

Billy Bishop Airport invested in 6 community organizations in 2021.



**5,091 medevac flights**

We are proud to have Ornge air ambulance services based at Billy Bishop Airport. The YTZ base operated 5,091 medevac flights in 2021.



**12**

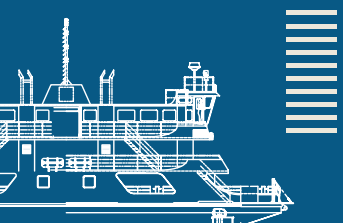
Our 12-member, employee-led Sustainability Committee meets regularly to share ideas and identify strategies for employing environmental best practices throughout Billy Bishop Airport's business units and operations.

**0  
-  
zero**

Zero incidents of significant health and safety non-compliance in 2021.

**100**

The Billy Bishop Airport Rescue and Fire Fighting team completes an annual fire inspection, including the verification of more than 100 fire extinguishers throughout our buildings, vehicles and ferries.





# PortsToronto Mandate

PortsToronto's mission is to effectively manage Billy Bishop Toronto City Airport, the Port of Toronto, the Outer Harbour Marina and its real estate properties on a self-sustaining basis, allowing PortsToronto to reinvest funds into marine safety, environmental protection, community programming and transportation infrastructure.

PortsToronto is the successor agency of the Toronto Harbour Commissioners (THC), which managed the Toronto Harbour from 1911 to 1999. As part of a broad strategy developed by the federal government to modernize the administration of ports, the Toronto Port Authority, now PortsToronto, was established in 1999 to operate the port, marina, airport and its land holdings.

Established under the Canada Marine Act, PortsToronto is a government business enterprise that is mandated to be financially self-sufficient. PortsToronto operates in accordance with the Canada Marine Act and Letters Patent issued by the federal Minister of Transport in addition to a series of specific policies and procedures. The Letters Patent include requirements related to PortsToronto's board of directors and outlines the activities that can be undertaken by the organization.

## Community Investment

PortsToronto is committed to fostering strong, healthy and sustainable communities and has invested more than \$12 million since 2009 in charitable initiatives and environmental programs that benefit communities and organizations along Toronto's waterfront and beyond.



## Vision

As a guardian and steward of Toronto's waterfront resources, PortsToronto works closely with the broader waterfront community to ensure these assets will provide prosperity and enjoyment for future generations.

# About Billy Bishop Airport

Connecting leisure and business travellers directly into the heart of Canada's largest city, Billy Bishop Toronto City Airport (YTZ) is an important transportation gateway that helps drive the finance, technology and healthcare innovation sectors in the Greater Toronto Area (GTA).

Prior to the pandemic, the airport generated more than \$470 million in Gross Domestic Product (GDP) each year and supported 4,740 jobs, including 2,080 directly associated with airport operations. According to a 2021 study by York Aviation, Billy Bishop Airport could contribute \$4.8 billion in GDP annually to the City of Toronto and Province of Ontario by 2025.

A travel hub of choice for business and leisure travellers alike and one of the most walkable, bikeable airports in North America, Billy Bishop Airport has been recognized with a number of passenger driven awards and is known throughout the travelling community for its excellent customer service, superb amenities and unbeatable convenience.

Billy Bishop Airport also serves as a base for Orange air ambulance services, two Fixed Base Operators, FlyGTA and Heli Tours, and is home to a personal/general aviation community that includes approximately 50 private planes and one flight school.



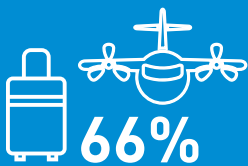
## EXCELLENCE

Billy Bishop Airport has been recognized with a series of passenger-driven awards, including being named one of the top airports in North America in both the Airports Council International's (ACI) Airport Service Quality Awards and Skytrax World Airport Awards, the premier international airport awards voted on by 13.8 million passengers worldwide. Billy Bishop Airport was also named one of the top ten best international airports by Condé Nast Traveler.

Airports Council International (ACI) has also recognized Billy Bishop Airport for its efforts to protect and preserve the environment through programs, initiatives and projects. In 2017, Billy Bishop Airport won the top award for its Noise Management Program; in 2019, the airport won Best Innovative Project for the successful completion of its three-year Airfield Rehabilitation Program; and in 2020, the airport won for its Master Plan, which was inclusive of many initiatives to protect the environment.

## PUBLIC OPINION

In November 2021, a public opinion survey was conducted by Edelman through the Logit Group among 1,200 Torontonians to determine awareness and gather opinions regarding Billy Bishop Airport. Results indicated awareness and support for the airport among many surveyed in areas such as economic impact and the favourable travel experience provided. Key findings include:



2 in 3 Torontonians (66%) have used Billy Bishop Airport predominantly due to convenience and ease of location



Strong favourability for Billy Bishop Airport, particularly among those in the Beaches/East York neighbourhoods



Overwhelming agreement that Billy Bishop Airport brings economic growth and traveller benefit

# Corporate Governance

PortsToronto is accountable to the federal government through Transport Canada and is guided by a board of directors composed of individuals appointed by all levels of government – federal, provincial and municipal. The PortsToronto board met 21 times in 2021.

The PortsToronto board relies on four standing committees to facilitate business and guide its decisions, namely Audit and Finance, Governance and Human Resources, Communications and Outreach, and Pension. During 2021, the committees met 22 times.

The federal Minister of Transport appoints six members of the PortsToronto board. The City of Toronto and the Province of Ontario via their respective appointees to the board of directors have a direct governance relationship with PortsToronto.

## The board of directors is appointed as follows:



One appointee nominated by the federal Minister of Transport



One individual appointed by the City of Toronto



One individual appointed by the Province of Ontario



Six individuals appointed by the federal Minister of Transport in consultation with the below industry groups.

- Commercial
- Airport
- Port-related activities/operations
- Recreational business

*All individuals nominated by the Minister of Transport are appointed by the Governor in Council.*



# TORONTO

# Board of Directors



**ROBERT D. POIRIER**  
Robert Poirier retired as Chair of the PortsToronto Board in April 2021 after serving the maximum term.

**AMANDA WALTON**  
City of Toronto appointee and Chair of the Board of Directors (April 2021)

**DARIN E. DESCHAMPS**  
Federal Appointee

**HELLEN SIWANOWICZ**  
Federal Appointee

**DON MCINTYRE**  
Federal Appointee

**CHRISTOPHER REYNOLDS**  
Province of Ontario appointee

# Senior Management



**CRAIG MANUEL**  
Vice President and General Counsel

**ALAN J. PAUL**  
Senior Vice President and Chief Financial Officer

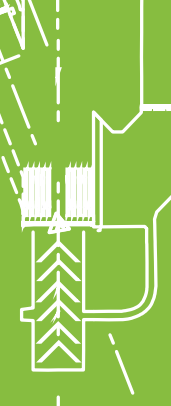
**CHRIS SAWICKI**  
Vice President of Infrastructure, Planning and Environment

**DEBORAH WILSON**  
Vice President of Communications and Public Affairs

**GEOFFREY A. WILSON**  
Chief Executive Officer

**GENE CABRAL**  
Executive Vice President, PortsToronto and Billy Bishop Airport

# Approach to Sustainability

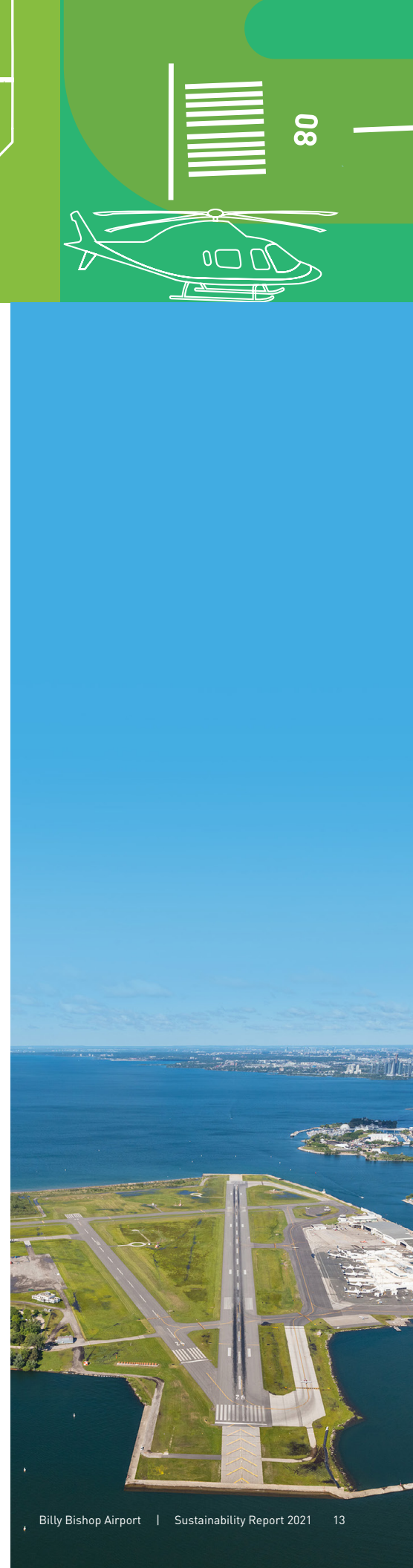


Billy Bishop Airport is proud to present our fifth annual Sustainability Report, a document that captures our continuing efforts to employ environmental best practices and engage in an open and ongoing dialogue on opportunities to maximize sustainability efforts within our business, our operations and our community.

Keeping the score, this report offers an accounting of our environmental performance in 2021, tracking key indicators like greenhouse gas emissions (GHG) and economic impact, and measures our progress within global corporate reporting best practices. Consolidating our efforts in this detailed, accessible format keeps our stakeholders informed on the work Billy Bishop Airport is doing to foster environmental protection and climate action within our own operations as well as among our community, tenants and partners.

The report is structured around four priority areas that together define sustainability at Billy Bishop Airport, and builds on the strong foundations and goals that were set both in previous editions of this report and throughout the organization's longstanding tradition of environmental stewardship, social responsibility and collaboration with government agencies and stakeholders to manage Toronto's waterfront.

- I. **Climate Action**
- II. **Environmental Stewardship**
- III. **Sustainable Communities**
- IV. **Economic Performance**



# Sustainability Committee

17 PARTNERSHIPS FOR THE GOALS



The PortsToronto Sustainability Committee provides a forum in which volunteer environmental ambassadors from each business unit leverage collective expertise, exchange ideas and strive to build positive, sustainable outcomes for the organization and the environment.

Since 2017, innovative thinking by members of the Sustainability Committee has helped PortsToronto conduct its business in an environmentally sustainable manner, from introducing the award winning, first-in-Canada PortsToronto Seabin Program to eliminating single-use plastic straws and water bottles from our offices.

## 2021 SUSTAINABILITY COMMITTEE

- Michael David, Co-Chair
- Jessica Pellerin, Co-Chair
- Chris Sawicki, Senior Management
- Deborah Wilson, Senior Management
- Craig Manuel, Senior Management
- Michael Leonard, Billy Bishop Airport
- Todd McConnell, Billy Bishop Airport
- Michael Riehl, Port of Toronto
- Allan Seymour, Works and Environmental Services
- Mike Dwyer, Outer Harbour Marina
- George Maniatogiannis, Health and Safety
- Dorothy Kolesnik, Billy Bishop Airport

*“In 2021, our committee continued to meet regularly online and tackled two improvement areas for PortsToronto, namely GHG emissions reductions – a global priority – and waste management. We completed audits of our current practices to identify gaps, and held round table discussions that have generated new ideas and opportunities to further PortsToronto’s impact.”*

– Michael David,  
Co-Chair, PortsToronto,  
Sustainability Committee

On February 7, 2021, the PortsToronto Sustainability Committee organized a Zoom catch-up with colleagues to mark National Sweater Day and help raise awareness about climate change and energy conservation. Since 2010, more than one million Canadians have shown their support for limiting global temperature rise to 1.5 degrees Celsius by turning down their thermostats by the same amount (at home or in the office) and wearing their favourite sweaters to stay warm.

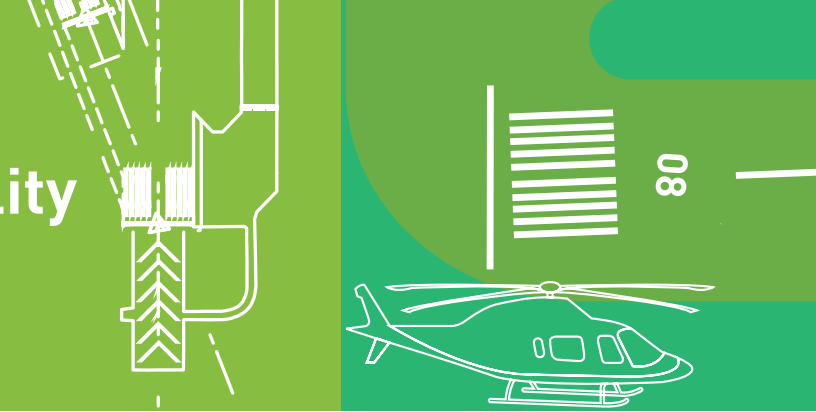


## SUSTAINABILITY COMMITTEE MISSION

As the organization’s environmental ambassadors, the PortsToronto employee-led Sustainability Committee’s mission is to generate and deliver meaningful environmental programs and initiatives aimed at further integrating social, economic and environmental responsibility into the fabric of PortsToronto’s daily operations, reinforcing PortsToronto’s position as a leader and innovator in environmental protection and sustainability.



# Approach to Sustainability



## MEASURING PROGRESS

Our sustainability reporting is guided in part by the Global Reporting Initiative (GRI). The GRI has pioneered and developed a comprehensive Sustainability Reporting Framework that is widely used around the world. It includes guidance in four key areas: economic, environmental, social and governance performance.

Our priorities focus on the areas in which Billy Bishop Airport can have the greatest impact and influence in building a sustainable and prosperous future. In 2020, Billy Bishop Airport aligned its sustainability reporting with the United Nations Sustainable Development Goals (SDGs) – a series of 17 goals that have been adopted by government bodies and agencies around the world, including the Canadian federal government.

## CONTRIBUTING TO THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

Analyzing our performance and assessing strategic planning within the SDG framework helps measure both the local and global context of Billy Bishop Airport's efforts to combat climate change and mitigate the impacts of its operations, and aligns the organization's sustainability goals and targets with those of our government partners as we work to strengthen our collective impact.

Throughout this report, we have indicated where Billy Bishop Airport's initiatives have contributed to the United Nations Sustainable Development Goals with the corresponding SDG symbol.

A full accounting of Billy Bishop Airport's SDG performance can be found in Appendix A.

# SUSTAINABLE DEVELOPMENT GOALS



# I – Climate Action

YTZ

TORONTO



# I – Climate Action



Tackling climate change is among the most pressing environmental challenges of our time and one of our top priorities. Billy Bishop Airport uses renewable electricity sources to lower its carbon footprint and foster a climate-resilient future. By taking immediate action and employing meaningful processes, Billy Bishop Airport works to combat climate change and reduce the environmental impact of our operations.

## REPORTING ON GREENHOUSE GAS EMISSIONS

Billy Bishop Airport calculates its greenhouse gas (GHG) emissions with the support of Delphi Group. GHG emissions are categorized into three groups or “Scopes” under global reporting protocols. While corporate standards under the Greenhouse Gas Protocol require reporting on Scopes 1 and 2, Billy Bishop Airport has made efforts to include Scope 3 emissions in its accounting where data is available.

- Scope 1 covers direct emissions from sources owned or controlled by Billy Bishop Airport, such as fuel consumption for company vehicles. Billy Bishop Airport’s Scope 1 GHG emissions arise from the energy used in its buildings and the vehicles and equipment used at the airport.
- Scope 2 covers indirect emissions from the offsite generation of purchased utilities consumed by the company. Billy Bishop Airport’s Scope 2 emissions have measured as zero since 2010 due to our use of 100 per cent renewable electricity through Bullfrog Power.
- Scope 3 includes all other indirect emissions that occur in our value chain. These emissions are from operations not controlled or owned by Billy Bishop Airport. While Billy Bishop Airport tracks GHG emissions from the buildings and vehicles operated by our tenants where data is available, we are working with our partners to gain better visibility into Scope 3 emissions moving forward.



Environmental Strategies. Business Solutions.

## Delphi Group

The environmental priority areas detailed in this report have been reviewed by Delphi Group. As a pioneer in sustainability and environmental risk management, Delphi Group has more than 25 years of experience in helping some of Canada’s best-known companies improve the sustainability of their organizations – as well as the local and global communities in which they operate.

# I – Climate Action



## CARBON REDUCTION STRATEGY

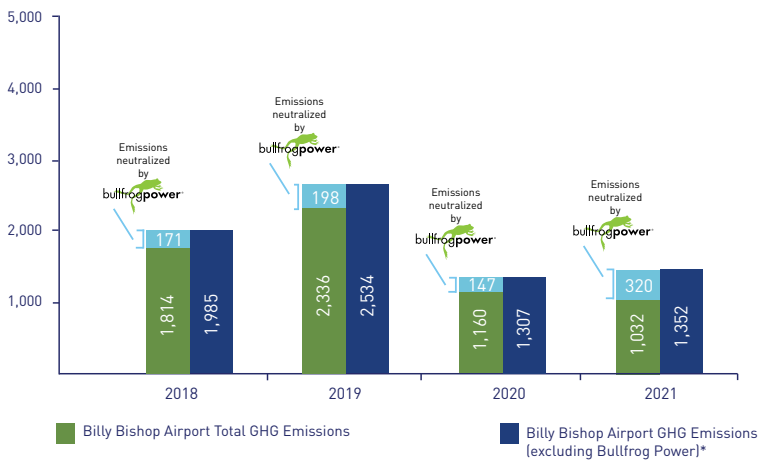
We recognize that reducing GHG emissions is a global necessity and that targeting the source of these emissions is critical. In 2017, under the guidance of Delphi Group, PortsToronto and Billy Bishop Airport set the target of a 35 per cent carbon reduction below 2015 levels by 2030 and identified a pathway to achieve this goal. At the time, this target was aligned with those set by all three levels of government, however we recognize that it is now outdated and are working on a pathway toward achieving a strengthened target.

Since 2017, Billy Bishop Airport has implemented several initiatives aimed at reducing emissions from our direct and indirect emissions (Scopes 1 and 2), and in communicating our carbon reduction strategy Billy Bishop Airport aims to lead by example and encourage emissions throughout our value chain (Scope 3).

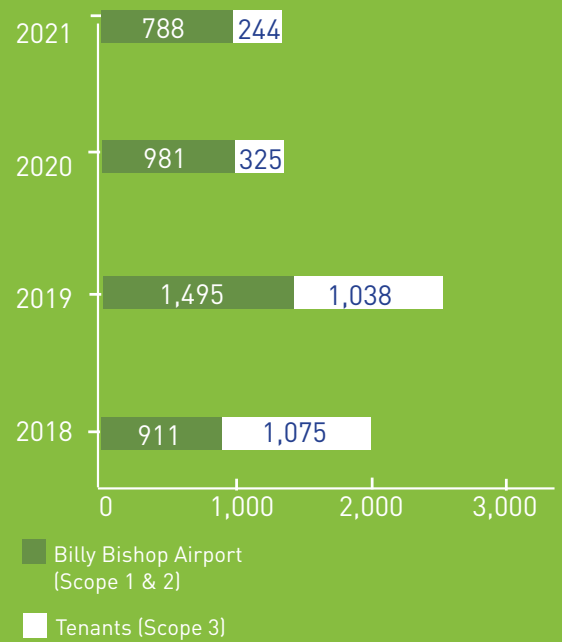
Billy Bishop Airport’s carbon reduction strategy focuses on:

- Powering our operations with renewable energy.
- Investing in renewable alternatives.
- Prioritizing climate resiliency and sustainable site design in future planning.
- Supporting emissions reductions in our community.

## GHG EMISSIONS NEUTRALIZED BY USE OF BULLFROG POWER (t CO<sub>2</sub>e)



## Annual GHG Emissions by Scope for Billy Bishop Airport and Tenants



*Our Scope 1 emissions are affected primarily by business activity, weather, and our energy management and GHG reduction efforts. Overall, we continue to be a very low emitter of GHG emissions across our operations. In 2021, Scope 1 emissions decreased dramatically due to the temporary suspension of commercial service at Billy Bishop Airport and temporary closure of our offices, both a direct result of the COVID-19 pandemic. We anticipate that these numbers will show a comparable increase in 2022 as Billy Bishop Airport resumes normal operations.*

*Our Scope 2 emissions are 0 due to our use of 100% renewable electricity for all Billy Bishop Airport’s direct operations.*

*We will continue our efforts to manage our energy consumption and reduce our GHG emissions across Billy Bishop Airport’s operations. In future years, we will also work to improve our understanding of tenant related energy consumption and associated emissions.*

# I – Climate Action



## CHOOSING RENEWABLE ENERGY

One of the ways Billy Bishop Airport reduces its environmental footprint is by choosing 100 per cent green energy from Bullfrog Power. Since 2010, Billy Bishop Airport has powered all of its operations with clean, renewable electricity from Bullfrog Power. Through our agreement, Bullfrog Power’s generators inject renewable electricity back into the grid on our behalf to match the amount of electricity used by Billy Bishop Airport’s operations.

In 2021, Billy Bishop Airport reduced its Scope 1 and Scope 2 emissions by approximately 23 per cent by using Bullfrog Power’s clean energy, which comes exclusively from a blend of EcoLogoM-certified wind and low-impact hydro-power. Billy Bishop Airport also purchases Bullfrog Power on behalf of some of its tenants.

Billy Bishop Airport is one of the top 10 purchasers of Bullfrog Power green electricity in the country. Billy Bishop Airport is the only airport in Canada to be powered entirely by renewable electricity across all operations and facilities, including the *Marilyn Bell I* electric ferry, 853-foot pedestrian tunnel, and connecting buildings.

CLEANER  
GREENER  
QUIETER



## CANADA’S FIRST TRULY ZERO-EMISSION, LITHIUM-ION FERRY

Launched in December 2021 and powered by 100 per cent clean electricity through Bullfrog Power, the retrofitted *Marilyn Bell I* will eliminate greenhouse gas emissions from the ferry operation, and will reduce the airport’s direct emissions by approximately 530 tonnes per year. Converting the ferry to electric power will eliminate the consumption of approximately 196,000 litres of diesel fuel per year.

Powered by **100%** green electricity

“WATT WATT”





# Leading the way to a brighter future

Despite the ongoing pandemic, we're seeing more demand for clean, green energy than ever before. The momentum created by early adopters like PortsToronto – a Bullfrog Power customer since 2010 – is reshaping Canada's energy landscape. PortsToronto continues to be among the largest green energy purchasers in the country by bullfrogpowering all of their facilities and operations with renewable electricity.

Our network of bullfrogpowered businesses and individuals understand that the energy choices they make affect the health and the future of their communities. They want to make a positive impact on Canada's energy systems, which is driving our ability to bring new solar and wind farms to life.

PortsToronto and Billy Bishop Airport are the only port authority and airport in Canada to be bullfrogpowered entirely by renewable electricity across all operations and facilities, including the airport's 853-foot pedestrian tunnel, connecting buildings, and the newly retrofitted *Marilyn Bell I* ferry.

How does bullfrogpowering a building, ferry, or tunnel work? Bullfrog Power's generators put 100% green electricity onto the grid to match the amount of conventional power used across all of PortsToronto's facilities and operations. Across Canada, Bullfrog Power's green electricity comes from a blend of wind, solar, and low-impact hydro power sourced from new Canadian renewable energy facilities.

The bullfrogpowered community also supports projects that bring social benefits to their local communities. We know that environmental and social issues are deeply intertwined, and we're proud to support more than 160 community-based green energy projects with youth groups, non-profits, Indigenous Peoples, and more. We're grateful for PortsToronto's commitment to green energy and their support of our community projects.

In 2021, the bullfrogpowered community helped fund projects including Youth Challenge International's Youth Climate Leadership Program; this Program gives youth from the Greater Toronto and Hamilton Area comprehensive training on designing a sustainable project, mobilizing youth, and encouraging community development.

PortsToronto is working to build cleaner, healthier communities and help Canada transition to a low-carbon energy grid. By bullfrogpowering their operations and modelling sustainable business practices, PortsToronto is leading the way to a renewably powered future. Supporting green energy — and communicating the importance of sustainability — is essential if we are to achieve our climate goals.

Congratulations to PortsToronto on another year of sustainability milestones and their continued support of renewable energy.

**Suha Jethalal**  
President, Bullfrog Power

# I – Climate Action



## INVESTING IN RENEWABLE ALTERNATIVES

From investing in the conversion of the Billy Bishop Airport *Marilyn Bell I* ferry to electric power, to enforcing a strict anti-idling policy for vehicles on all of its properties, Billy Bishop Airport is working to reduce the emissions from its vehicle fleet and maintenance equipment.

## CANADA'S FIRST TRULY ZERO-EMISSION, LITHIUM-ION FERRY

In December 2021, Billy Bishop Airport celebrated the return to service of the *Marilyn Bell I* ferry following its conversion to 100 per cent lithium-ion power. The *Marilyn Bell I*, which connects passengers, vehicles and supplies to Billy Bishop Airport, is the first ferry service in Canada powered by a zero-emission power and propulsion system containing no diesel components.

In operation since 2010, and upgraded to bio-diesel fuel in 2018, the vessel's diesel generator and motor were removed in 2021 to make way for a new electric propulsion system and a suite of batteries fueled by 100 per cent Bullfrog Power renewable electricity.

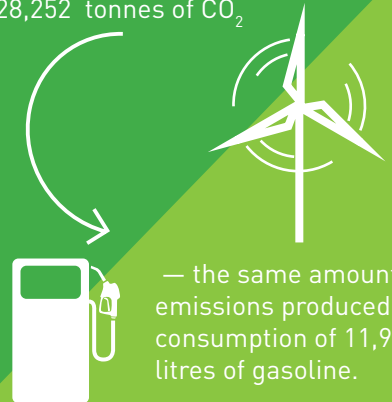
Powered entirely by electricity from clean wind and solar sources provided by Bullfrog Power, the retrofitted *Marilyn Bell I* will eliminate greenhouse gas emissions from the ferry operation, reducing the airport's direct emissions by approximately 530 tonnes per year. In addition to operating more efficiently and eliminating related air emissions, the retrofitted vessel builds on the airport's award-winning Noise Management Program, as it operates far more quietly, dramatically reducing related noise in the surrounding community.

The airport's ferry operation not only transports passengers, airport staff and essential supplies to and from Billy Bishop Airport – including emergency vehicles supporting Ornge's medevac operations – but also serves as a vital link for City of Toronto service vehicles to gain access to the Toronto Islands. In 2021, the airport's ferry service enabled Toronto Island residents to access supplies during the pandemic, and students to attend school when ice cover on the harbour restricted regular access.



Billy Bishop Airport has replaced gas-powered equipment for grass and vegetation control with battery-operated technology in an effort to reduce the emissions from its fleet of maintenance equipment.

Since joining the bullfrogpowered community, Billy Bishop Airport has displaced more than 28,252 tonnes of CO<sub>2</sub>



– the same amount of CO<sub>2</sub> emissions produced by the consumption of 11,977,885 litres of gasoline.

# I – Climate Action

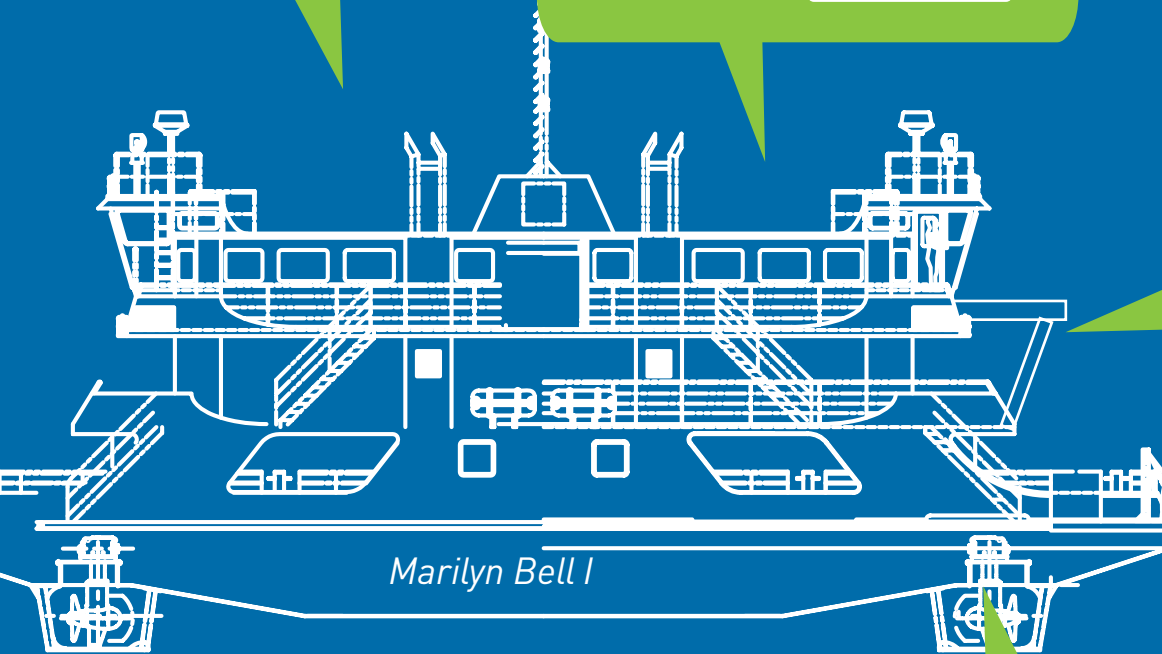
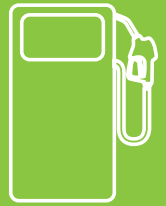
The *Marilyn Bell I* returned to service at Billy Bishop Airport on December 15, 2021, following a 20-week retrofit.



The ferry's diesel components were entirely removed from the vessel to make space for a new electric propulsion system that includes 40 battery modules – each is the size of a shoebox and weighs 60 kilograms.



Converting the ferry to electric power will eliminate the consumption of approximately 177,000 litres of diesel fuel per year.



*Marilyn Bell I*

A charging tower constructed at the mainland ferry terminal is equipped with a charging arm, like those you see on streetcars, which will land on the vessel's new bowsprit – essentially plugging-in the vessel to charge every time it is docked.

Powered entirely by electricity from clean wind and solar sources provided by Bullfrog Power, the retrofitted *Marilyn Bell I* will eliminate greenhouse gas emissions from the ferry operation, reducing the airport's direct emissions by approximately 530 tonnes per year.



The energy storage system for the ferry provides a total of 226-kilowatt hours. The power that these lithium-ion batteries will produce is comparable to the power of four Tesla Model 3 cars with standard-range battery.



# I – Climate Action

*“I would like to congratulate PortsToronto, owners and operators of Billy Bishop Toronto City Airport, on this Canadian-first achievement in providing clean and green transportation that will reduce pollution and bring us all closer to our climate change targets. The conversion of the Marilyn Bell ferry to 100 per cent electric power is an example of the effort and innovation that can be realized to reduce the impact of transportation infrastructure on the environment, and the leadership position that is necessary to make a difference in protecting the environment and promoting sustainable operations.”*

– Hon. Minister Alghabra, federal Minister of Transportation

*“I am thrilled to see the progression and excitement on the new electric ferry at Billy Bishop Airport, and the attention brought forward to environmental impacts occurring and different methods of living to bring restoration of change to the ways of living in the spaces we share. It is a key element to incorporate the thoughts and reflections of our actions always within the sense of communal accumulative causal impacts. When we see the accommodations criteria not only benefit human but also the life sources in the ecosystems, the overall benefits have succeeded in our actions and pursuit to change the ways in which we see sustainable living and being.”*

– Councillor Cathie Jamieson, Mississaugas of the Credit First Nation



*“I was thrilled to have been a part of the launch of Marilyn Bell I as Canada’s first all-electric and zero-emission ferry service. This is smart climate action at its best, reducing the airport’s emissions by 530 tonnes per year – the equivalent of permanently removing 115 cars – with a made-in-Canada solution that supported local jobs and technology. This innovation improves livability for our local community and advances our vision for a more sustainable future. I look forward to continuing the work with all partners for a cleaner, greener, and better airport.”*

– M.P. Kevin Vuong, Spadina-Fort York

*“Toronto’s waterfront has long been a driving force for environmental action, innovation, and leadership. The introduction of the first zero-emissions ferry in Canada to be powered entirely by electricity from wind and solar sources, is an example of this essential work. Congratulations to PortsToronto on this important achievement.”*

– Councillor Joe Cressy, Ward 10, Spadina-Fort York

*“We want Toronto and all our great partners to continue to lead the way when it comes to addressing the impacts of climate change. The new zero emission electric ferry at Billy Bishop airport is a great initiative and a first of its kind in Canada. I want to thank PortsToronto for making this possible and look forward to seeing the new Marilyn Bell on our waterfront.”*

– John Tory, Mayor, City of Toronto

*“The conversion of the Marilyn Bell ferry to fully electric power is an important milestone for Billy Bishop Airport. This made-in-Canada retrofit will help ensure this critical transportation link between downtown Toronto and the island is clean, efficient, and reliable for years to come.”*

– Hon. Caroline Mulroney, Ontario Minister of Transportation

# I – Climate Action



In October, PortsToronto, owner and operator of Billy Bishop Airport, welcomed Dr. Larissa Vingilis-Jaremko, Founder and President of the Canadian Association for Girls in Science (CAGIS) to interview Project Manager Jelena Ognjanovic and learn more about the *Marilyn Bell I* conversion project. CAGIS is Canada's largest and longest-running STEM club for girls and gender nonconforming youth aged 7-16, and supports interest in Science, Technology, Trades, Engineering, and Mathematics (STEM).





# I – Climate Action



## SUSTAINABLE SITE DESIGN

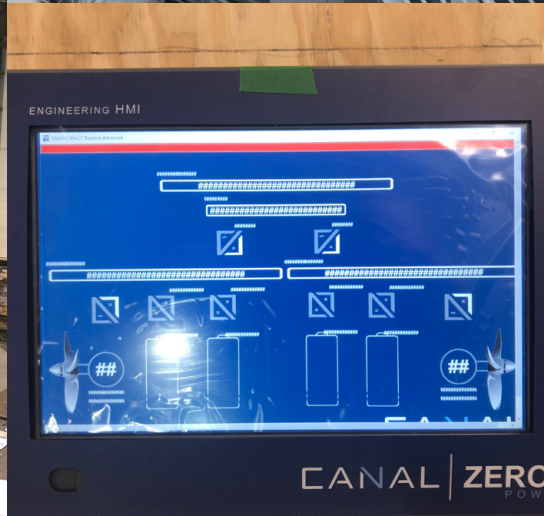
Billy Bishop Airport and its contractors follow best practices related to sustainability and environmental protection during the planning, development and operational phases of all projects.

Serving to identify businesses that share our commitment to sustainability when procuring goods and services, Billy Bishop Airport's Sustainable Procurement adopts the following guiding principles:

- Limit demand on raw natural resources
- Avoid non-natural substances to limit material produced by society
- Source material that limits degradation of the natural environment
- Ensure health and safety of society to meet human needs

## A CANADIAN PROJECT

In compliance with Billy Bishop Airport's Sustainable Procurement Policy, three Canadian companies that share its vision for sustainable operations were selected for the conversion of the *Marilyn Bell I* ferry to electric power. As developers of the winning concept and proposal, St. Catharines-based leaders in marine electrical engineering Canal Marine & Industrial Inc. (CANAL) were the prime designers for this project. The project's naval architect was Concept Naval, Quebec-based naval architects and marine engineers recognized for their innovative and customized solutions in Canada's shipbuilding industry. Billy Bishop Airport also engaged Nova Scotia-based E.Y.E marine consultants to assist with the implementation of the project.



# I – Climate Action



## BECOMING CLIMATE RESILIENT

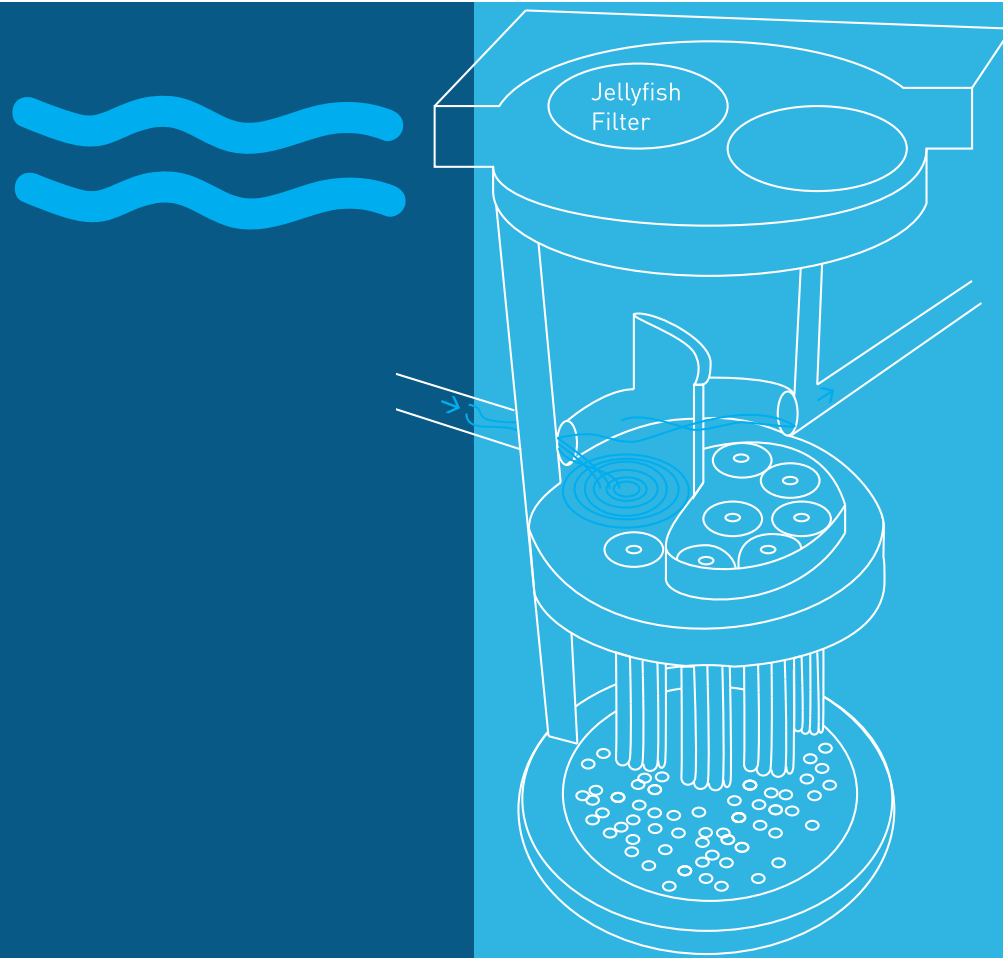
It is increasingly important to ensure infrastructure and operations are resilient against the impacts of a changing climate. Billy Bishop Airport has already begun to integrate climate resiliency into its strategic planning and will continue to assess climate resiliency as part its climate change action plan moving forward.

## CITYSIDE MODERNIZATION PROJECT

A key element of the Cityside Modernization Project included the implementation of climate resiliency measures identified in a 2018 Climate Change Vulnerability Assessment. These included flood prevention and mitigation infrastructure that will help protect facilities in the long term. As part of this project, a pair of jellyfish filters were installed at Billy Bishop Airport. As storm water flows, it collects dirt, dust and oil from the roadway. Jellyfish filters – large, in-ground storm water filters – collect and clean this storm water before it reaches Lake Ontario.

Since joining the bullfrogpowered community, Billy Bishop Airport has displaced more than 28,252 tonnes of CO<sub>2</sub>. This is the equivalent of taking 6,131 cars off the road for one year or diverting more than 9,606 tonnes of waste from the landfill.

It is the amount of carbon that would be sequestered by about 13,720 hectares of forest in one year.



# I – Climate Action



## SUPPORTING EMISSIONS REDUCTIONS IN OUR COMMUNITY

Our efforts to reduce carbon emissions extend beyond our own operations. Billy Bishop Airport supports and encourages our partners, tenants and community members to work with us in creating a sustainable and low-carbon transportation system.

### AVIATION

It is important to recognize that aircraft emissions have an impact on the environment, and while airline operations are not controlled or owned by Billy Bishop Airport, it is to everyone's best interest to work collaboratively with our partners to contribute to a sustainable future for the aviation industry.

- **Porter Airlines:** In 2021, Porter Airlines introduced lighter aircraft seats as part of a modernization of their fleet. Switching to 50 per cent lighter seats reduced total aircraft weight by approximately 1,000 pounds, and corresponding annual fuel consumption decreased by approximately 500,000 litres. This is equivalent to decreasing corresponding CO<sub>2</sub> emissions by 1,200 metric tons each year.<sup>1</sup>
- **Air Canada:** In addition to its goal of net-zero GHG emissions throughout global operations by 2050, Air Canada has taken a leadership role as a founding member of the Aviation Climate Taskforce (ACT), which was established in 2021 to accelerate research and advance innovation related to emerging decarbonisation technologies, including through the development of sustainable aviation fuels.<sup>2</sup>
- **Connect Airlines:** PortsToronto is following with interest Connect Airlines' plans to become a zero emission airline as early as 2025<sup>3</sup>, aligning with Billy Bishop Airport's efforts to be cleaner, greener and quieter. It is anticipated this airline will begin service at Billy Bishop Airport in 2022.



# YTZ



<sup>1</sup> Travel Pulse  
<sup>2</sup> Air Canada News Release  
<sup>3</sup> Connect Airlines

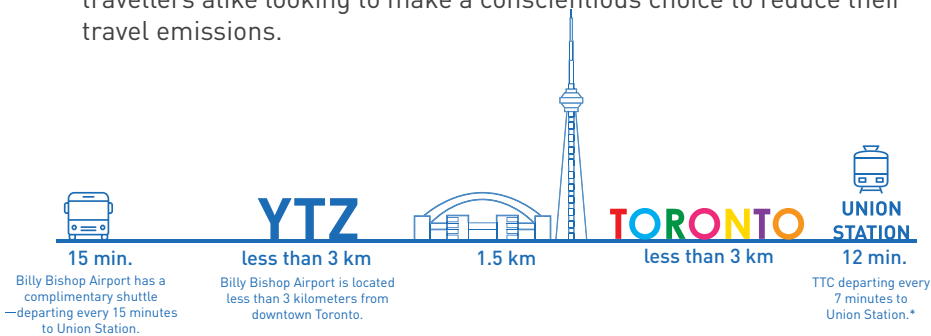
# I – Climate Action

## A WALKABLE, BIKEABLE AIRPORT

One of the most walkable, bikeable airports in North America, Billy Bishop Airport is known throughout the travelling community for its unbeatable convenience. In fact, 41 per cent of passengers departing Billy Bishop Airport choose to walk, bike, take public transit or the complimentary shuttle to Union Station – effectively reducing the number of carbon-emitting vehicles in the airport’s vicinity.

The airport’s proximity to downtown in conjunction with the state-of-the-art pedestrian tunnel, enhanced shuttle service, interconnectivity with regional transit, and bicycle rental and maintenance stations have made Billy Bishop Airport the travel hub of choice for business and leisure travellers alike looking to make a conscientious choice to reduce their travel emissions.

Billy Bishop Airport encourages passengers to use green transportation to get to and from the airport. In fact, 41 per cent of travellers walk, bike or take transit from Billy Bishop Airport – one of the highest percentages in North America.

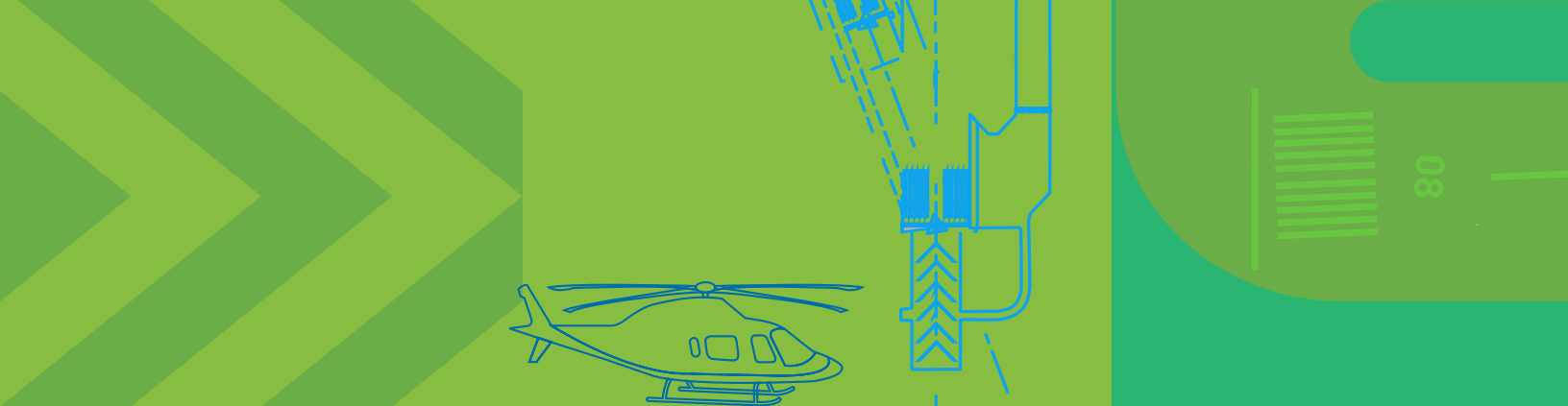


As part of continued efforts to reduce vehicle traffic associated with the airport by encouraging greener methods of transportation, Billy Bishop Airport has incorporated bike racks that are conveniently located on both the island and mainland, as well as a bicycle maintenance station for cyclist use.

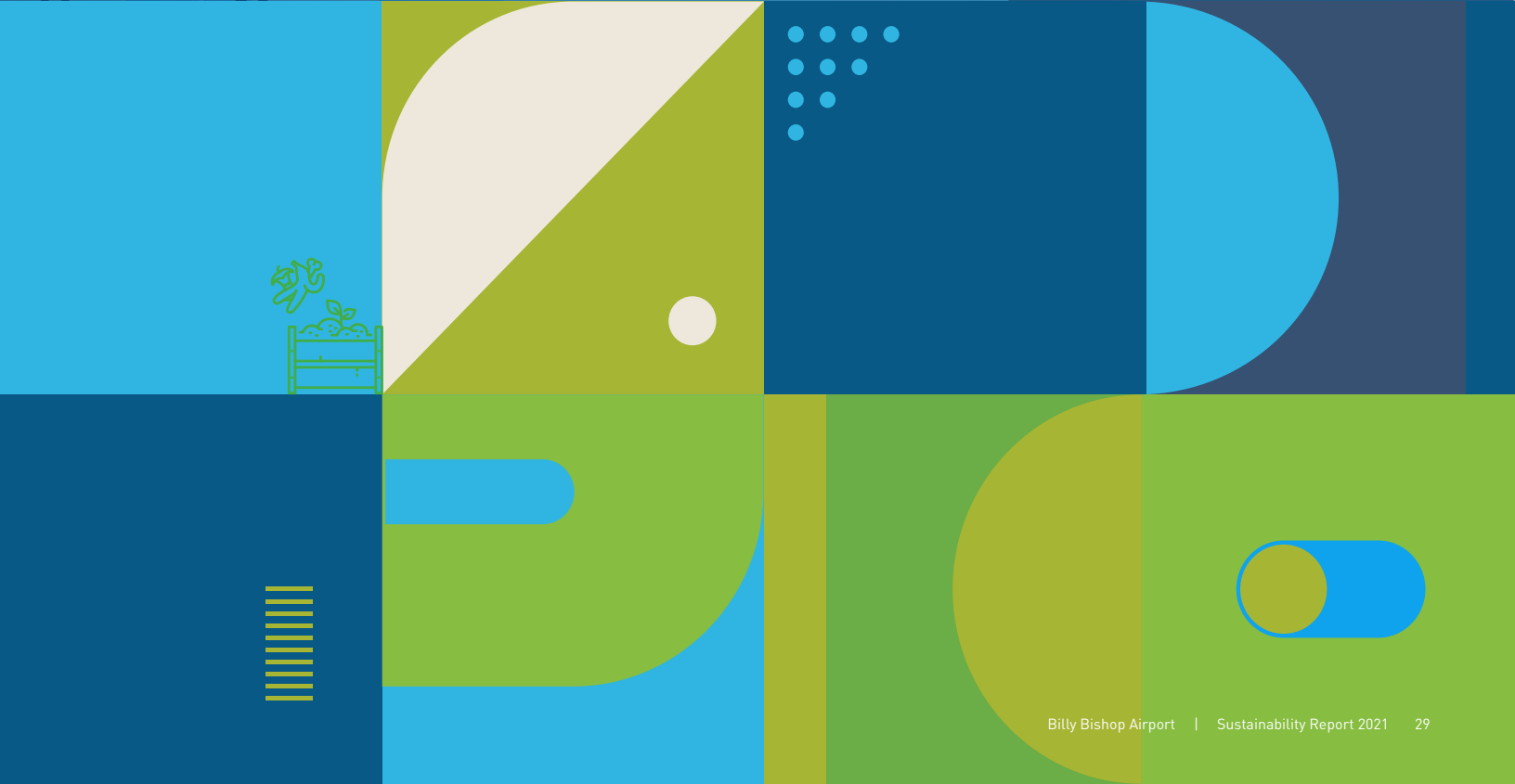
The Bike Share Toronto station located at Bathurst Street and Queens Quay, at the airport entrance, is another favourite among passengers and staff.



\* Tweet by @FlyingSomm



# II – Environmental Stewardship



# II – Environmental Stewardship



At the core of Billy Bishop Airport's operations is a commitment to protect and restore natural habitat, promote wildlife protection and biodiversity, and encourage the safe, sustainable enjoyment of Toronto's waterfront.

As the owners and operators of a key transportation hub located on Toronto's shores, Billy Bishop Airport appreciates that a sustainability plan inclusive of environmental protection and green business operations is important to its long-term future as a business and the role the organization plays in making connections between Toronto and the world.

## WILDLIFE PROTECTION

Billy Bishop Airport employs dedicated wildlife officers and work with Falcon Environmental Services — a recognized leader in the field of wildlife management.

To ensure the safety of passengers — and in accordance with Transport Canada requirements and Canadian Aviation Regulations — Billy Bishop Airport, like all major airports across North America, runs a comprehensive Wildlife Management Program dedicated to keeping birds out of aircraft flight paths and ensuring runways are free of birds and other wildlife.

## WASTE MANAGEMENT

Improving waste diversion throughout Billy Bishop Airport operations is a priority within the organization's sustainability program. From collecting and recycling all used electronics to banning plastic water bottles in our offices, Billy Bishop Airport is committed to working with its partners and tenants to do its part to recover, reuse and recycle materials.

Through its employee-led Sustainability Committee, Billy Bishop Airport has provided all employees with a reusable water bottle and has banned single-use plastic straws and water bottles from all offices.



As part of the airport's program, dedicated wildlife officers deter birds and other wildlife by using natural deterrence methods, such as monitoring movements and behaviour, maintaining proper grass levels and landscaping, using falcon kites and installing physical barriers.



# II – Environmental Stewardship



## PASSENGER TERMINAL

Billy Bishop Airport works closely with passenger terminal owner and operator, Nieuport Aviation Infrastructure Partners, to encourage the use of sustainable materials in the lounge food and beverage service. The water refilling stations in the passenger lounges prevent thousands of plastic water bottles from being sent to landfill each year. Further, in partnership with service provider SSP Canada, the airport lounge restaurants have diverted thousands of pounds of waste from the landfill by replacing biodegradable single-use cutlery and plates with reusable silverware and charcuterie boards.

## ENVIRONMENTAL MANAGEMENT SYSTEMS

Billy Bishop Airport's environmental responsibility is achieved, in part, by maintaining and utilizing management practices and standard operating procedures for each function the organization undertakes.

The products necessary for the safe operation and maintenance of Billy Bishop Airport's equipment and facilities are managed and contained in a rigorous manner to ensure safety and the protection of the environment. Strict protocols are in place for daily operations, such as aircraft fueling and de-icing, to reduce the risk of spills. In the unlikely event of a spill, the airport's fire and maintenance departments are thoroughly trained in mitigation and cleanup methods to prevent contaminants from entering the natural environment.

## ENVIRONMENTAL LAWS

In 2021, there were no incidents of significant environmental non-compliance, no orders issued, and no fines levied against Billy Bishop Airport by any regulatory agency. Furthermore, there have been no incidents of significant environmental non-compliance and no fines levied against Billy Bishop Airport over the past 11 years. This is a result of Billy Bishop Airport's efforts to follow best practices from around the world to achieve our sustainability goals and prevent pollution.

## DE-ICING AND GLYCOL CONTAINMENT

Billy Bishop Airport is committed to protecting the water environment and preserving the natural habitat for all users of the waterfront. A key aspect of this is the collection and containment of glycol used in the de-icing of aircraft. Billy Bishop Airport manages aircraft de-icing and anti-icing fluids with a dedicated glycol management system that traps system runoff and thoroughly contains glycol from de-icing and anti-icing operations. In addition, the glycol pumping system features a duplex pump, which offers further protection against runoff.

## PFAS-FREE FIREFIGHTING FOAM

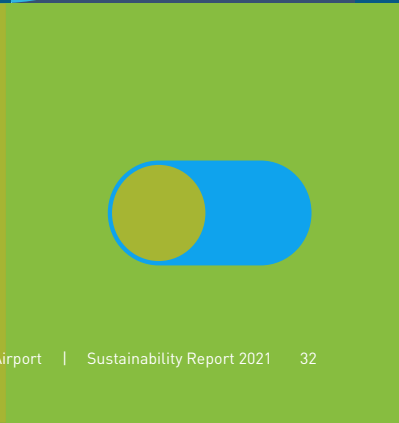
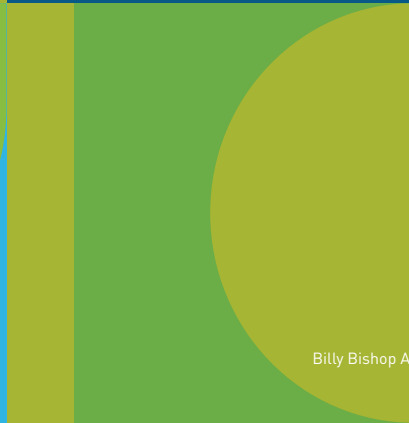
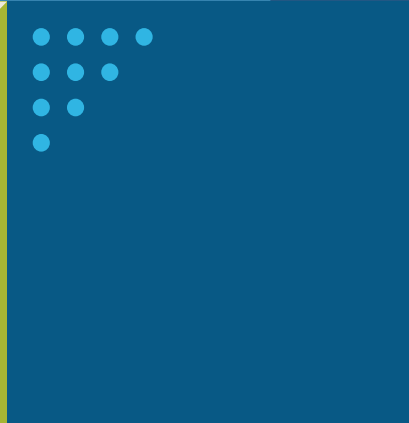
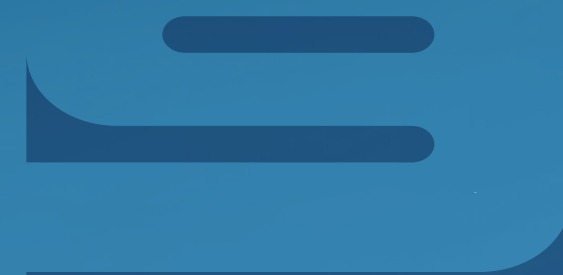
Per- and Polyfluoroalkyl Substances (PFAS) are a group of thousands of manufactured chemical compounds that have been widely in use since the 1940s in materials ranging from everyday items like stain resistant fabric, water repellent clothing, food wrappers and non-stick cookware, to Aqueous Film Forming Foam – a material mandated for use in Airport Rescue and Firefighting efforts for years.

In August 2019, Billy Bishop Airport received approval from Transport Canada and became the first airport in Canada to use PFAS/AFFF-free foam for its firefighting efforts.





# III – Sustainable Communities





# III – Sustainable Communities



Billy Bishop Airport plays an important role in the sustainable future of Toronto by supporting environmental health, community programming and sustainable infrastructure for its city.

Whether conducting meetings with community residents and airport stakeholders designed to ensure Billy Bishop Airport is responsive to the needs of its neighbours, or investing in charitable initiatives and environmental programs that benefit communities along Toronto’s waterfront and beyond, Billy Bishop Airport is committed to fostering resilient, safe and sustainable communities.

## PROMOTING HEALTHIER, GREENER AND EMPOWERED COMMUNITIES

As part of its dedication to being a sustainable organization, Billy Bishop Airport is committed to its local community. With a long tradition of working with community members and organizations to foster strong and sustainable communities along Toronto’s waterfront, Billy Bishop Airport provides donations, sponsorships and in-kind contributions to local initiatives, events and causes each year. These initiatives share a common goal of promoting healthier, greener and empowered communities.

In 2021, Billy Bishop Airport funded community initiatives and organizations including:

- Hope Air (medical travel assistance)
- Waterfront Neighbourhood Centre
- The Bentway Conservancy — Bentway Park
- ALS Canada
- Redpath Waterfront Festival
- CP24 CHUM Christmas Wish
- Evergreen Brick Works

## COMMUNITY INVESTMENT MISSION

To create a legacy of giving based on our commitment to fostering strong, healthy and sustainable communities along Toronto’s waterfront. Our giving is focused on the waterfront, education and youth in ways that support strong communities and a healthier environment.



# III – Sustainable Communities



## ALS CANADA VIRTUAL PLANE PULL

The Plane Pull to End ALS is ALS Canada’s signature annual fundraising initiative and brings people together to raise funds for ALS research and advocacy. In past years, the Plane Pull has taken place at Billy Bishop Airport’s Ground Run-up Enclosure on the south end of the airfield, an area not typically accessible to the public that offers unmatched views of Toronto’s skyline as a backdrop for the pulls.

In 2021, Billy Bishop Airport was proud to continue to support the event by participating in the virtual three-week skills challenge and contributing to the online “Duty Free” silent auction. This year, participants and organizations raised more than \$79,000 to support ALS research and advocacy.

## REDPATH WATERFRONT FESTIVAL

In September 2021, the Redpath Waterfront Trail invited the public to take their imagination for a walk on Toronto’s waterfront through a self-guided tour featuring augmented reality and public art stops. Nbi Dodem (Water Clans), presented by Billy Bishop Airport through a sponsorship provided by Nieuport Aviation, saw Anishinaabe artist Que Rock use graffiti to transform a blank wall into a masterpiece. Divided into four panels, each panel of the mural tells a story of water as a healer, a teacher, a protector, and a source of life.

## TORONTO ISLANDS COMMUNITY

Many households in the Toronto Islands community, including more than 100 residents over the age of 65, needed groceries and/or medications delivered in order to remain safely at home during the pandemic. Throughout the pandemic, Billy Bishop Airport did its small part in helping to get food and essential supplies to Toronto Island residents, and ensuring student access to the Toronto Island School, by facilitating crossings aboard the ferry and providing a safety escort across the airfield.

## TORONTO ISLANDS COMMUNITY

Throughout the pandemic, Billy Bishop Airport did its small part in helping to get food and essential supplies to Toronto Island residents, and ensuring student access to the Toronto Island School, by facilitating crossings aboard the ferry and providing a safety escort across the airfield.



## HOPE AIR

Beautiful views from a Hope Air flight between Billy Bishop Airport and Ottawa International Airport after a patient’s medical appointment at Sick Kids Hospital. Billy Bishop Airport is proud to support Hope Air, a unique national charity that provides Canadians in financial need with free travel and accommodations for medical care far from home.



<sup>2</sup> Councillor Cressy Tweet

# III – Sustainable Communities

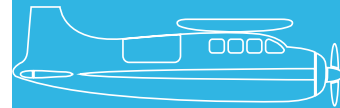


## NOISE MANAGEMENT AT BILLY BISHOP AIRPORT

Billy Bishop Airport is continuously looking at processes and investments that will mitigate the impact of operations and ensure the airport is remaining in balance with the surrounding community. Many of these advancements are pursued within the context of the airport's Noise Management Program that encompasses all areas of operations and any special projects being undertaken.

Billy Bishop Airport's Noise Management Office, which boasts a state-of-the-art Aircraft Flight Tracking and Noise Monitoring System, is responsible for collecting, analyzing and responding to noise complaints and monitoring daily operations. In addition to producing a detailed, annual Noise Report, the Noise Management Office also produces a monthly noise report that is posted to the Billy Bishop Airport website.

Billy Bishop Airport is one of the most noise-restricted airports in North America and must adhere to a strict curfew that closes the airport to commercial flight activity at 11:00 p.m. and ensures that noise from airport operations remains within a limited and monitored Noise Exposure Forecast.



Billy Bishop Airport marked Women of Aviation Week by thanking all those leading the way by introducing women and girls to the joys of flying and the opportunities of working in the aviation sector. Our social media channels profiled some the exceptional women of Billy Bishop Airport, in roles ranging from Airport Operational Communications and Security to Pass Control to Duty Managers.

# III – Sustainable Communities



## GROUND NOISE STUDY

Billy Bishop Airport is currently completing a noise study to identify sources of ground noise at the airport and, through analytical noise modelling techniques, assess opportunities to reduce the impact of ground-sourced noise on the community. As part of the study, Billy Bishop Airport is working in close collaboration with the Noise Management Sub-Committee of the Community Liaison Committee.

## RECOGNITION

Over the years, Billy Bishop Airport has continued to improve its Noise Mitigation Program. These awards recognize years of hard work and dedication to our community relations and environmental strategy, from working together with the community to identify solutions that assist with our noise reduction efforts, to implementing new noise mitigation transportation infrastructure.



The Billy Bishop Toronto City Airport won the 2017 Airports Council International (ACI-NA) Environmental Achievement Award for its Noise Mitigation Program.



The Billy Bishop Toronto City Airport won the 2019 Airports Council International (ACI-NA) Environmental Achievement Award for Best Innovative Project for the airport's successful implementation of the three-year Airfield Rehabilitation Program.



The Billy Bishop Toronto City Airport Master Plan won the 2020 Airports Council International (ACI-NA) Environmental Achievement Award.

# III – Sustainable Communities



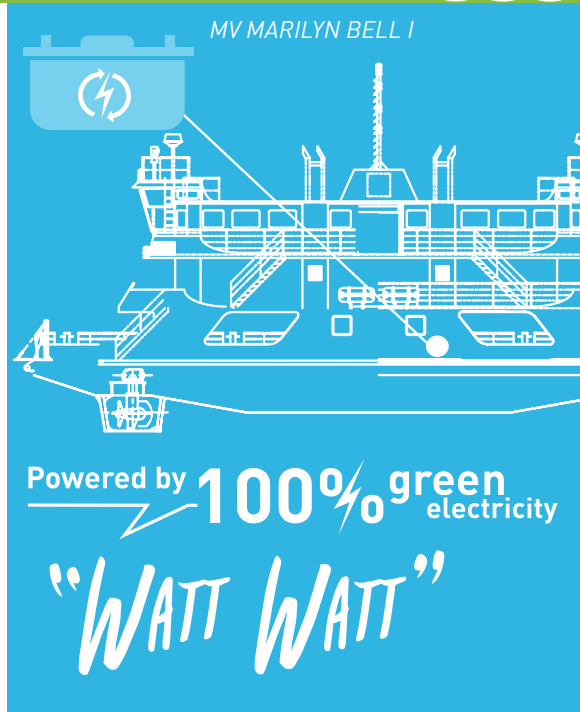
## AIR QUALITY

The communities in close proximity to the airport have been, and continue to be, concerned with the air quality impacts from airport operations. Billy Bishop Airport continuously seeks out new and innovative measures to complement sustainable practices and infrastructure already in place with the aim of mitigating emissions from all of its operations. Most recently, Billy Bishop Airport has converted the *Marilyn Bell I* biodiesel airport ferry to electric-power, which has eliminated greenhouse gas emissions associated with the ferry's operation.

PortsToronto has partnered with the Bathurst Quay Neighbourhood Association, the City of Toronto, Toronto Public Health and the University of Toronto to study the air quality exposure in the Bathurst Quay neighbourhood over. The lead scientist with the University of Toronto, Dr. Marianne Hatzopoulou, is the Canada Research Chair in Transportation and Air Quality and leads the Transportation and Air Quality (TRAQ) research group. The expertise of her research team is in modelling road transport emissions and urban air quality as well as evaluating population exposure to air pollution. The partners have received matched funding through the Natural Sciences and Engineering Research Council of Canada to conduct the study and meet regularly to review technical information and develop communication materials to provide updates at key milestones. The study kicked off in early 2021 with a target to be complete in early 2023.

## AIR SHED

The communities in close proximity to the airport have been, and continue to be, concerned with the air quality impacts from airport operations. Based on a study commissioned by Toronto Public Health, the report noted that the largest contributor to the local community is from vehicle traffic on the Gardiner Expressway/Lakeshore Boulevard and surrounding highway network. The airport contributed approximately 10-15 per cent of emissions in the air shed, with the primary contributor being the diesel fuel from the airport ferry.<sup>6</sup> In 2021, the conversion of the *Marilyn Bell I* ferry from a bio-diesel engine to an electric-powered motor eliminated greenhouse gas emissions associated with the ferry's operation.



<sup>6</sup> Presentation from Toronto Public Health communicated to the Billy Bishop Airport CLC at meeting #26 held on May 3, 2017.

# III – Sustainable Communities



## COMMUNITY ENGAGEMENT

Billy Bishop Airport established a Community Liaison Committee (CLC) in 2010 to further expand engagement with the residents and businesses surrounding the airport. The CLC gives neighbours a forum to discuss issues and concerns related to airport development, activities and operations. The committee also enables airport management to communicate operational activities and information with stakeholders and the broader community.

Key representatives from neighbourhood community groups, local businesses and stakeholders, as well as local city councillors and members of provincial and federal parliaments, make up the membership of the CLC. The committee follows best practices of community engagement, meeting regularly and addressing matters such as airport noise management, air quality and transportation access. The CLC's quarterly meetings are open to the public and minutes taken by third-party consultant Lura Consulting are posted to the Billy Bishop Airport website. In 2021, four meetings of the CLC were held through an online platform given the restrictions around gathering specific to the pandemic.

## CLC NOISE MANAGEMENT SUB-COMMITTEE

A Noise Management Sub-Committee of the CLC was formed in late 2017 to further research, understand and address noise impacts from airport operations. The Noise Sub-Committee consists of three community members, two staff members from PortsToronto, one staff member from the City of Toronto and a facilitator from Lura Consulting. The committee has two co-chairs, one from the community and one from Billy Bishop Airport. The committee met three times in 2021 through an online meeting platform.



# III – Sustainable Communities



## HEALTH AND WELLNESS

In promoting a supportive work environment and maintaining a strong record of accomplishment in health and safety performance, Billy Bishop Airport recognizes that the well-being of its employees is fundamental to the continued success of its businesses.

Billy Bishop Airport prioritizes employee health and safety, with several systems in place to minimize workplace hazards, prevent injuries and educate employees on health and wellness, as well as their rights and responsibilities. The well-being of employees is directly related to the success of our business, and maintaining a strong record of accomplishment of health and safety performance is critical. Safe practices for Billy Bishop Airport employees and contractors are embedded into day-to-day operations, and health and safety policies are implemented at all levels of the organization.

## SAFE TRAVELS PROGRAM

The Safe Travels Program, a comprehensive initiative developed in response to the COVID-19 pandemic, includes operational measures and safety protocols implemented to ensure a safe and healthy environment for passengers, staff and partners at Billy Bishop Airport.

In August 2021, Billy Bishop Airport achieved accreditation under the Airports Council International (ACI) Airport Health Accreditation program (AHA). The global health certification confirmed that Safe Travels addresses the needs and requirements of travel in today's world and served to reassure passengers and staff that the airport would provide a safe and healthy environment.

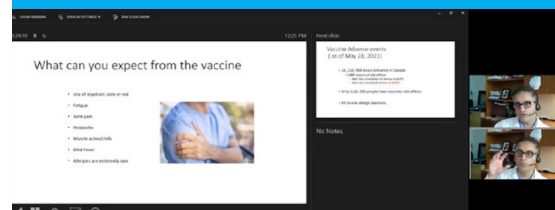
## WELLNESS COMMITTEE

The Wellness Committee was formed in 2017 and meets regularly to share ideas and identify strategies to promote health and wellness in the workplace. The committee engaged global human resources consulting firm HUB International to assist with the development of a Wellness Program for all employees. The Wellness Program issues newsletters with information promoting both physical and mental health in the workplace and at home.

## AIRPORT HEALTH ACCREDITATION



ACI's Airport Health Accreditation program assists airports by assessing new health measures and procedures introduced as a result of the COVID-19 pandemic in accordance with ICAO Council Aviation Recovery Task Force recommendations. Areas of assessment for accreditation include cleaning and disinfection, physical distancing (where feasible and practical), staff protection, physical layout, passenger communications and passenger facilities.



**Vaccination Information Session**  
In June 2021, the Wellness Committee welcomed Dr. Simron Singh, medical oncologist at Odette Cancer Center, Sunnybrook Health Sciences Center and an associate professor at the University of Toronto, to speak with Billy Bishop Airport staff, family and friends about the pandemic and vaccines.

## WELLNESS PROGRAM MISSION

*Empowering employees through education and resources, to live their best lives.*



# III – Sustainable Communities



## HEALTH AND SAFETY PROGRAM

Billy Bishop Airport has developed a comprehensive series of corporate Health and Safety Policies, along with Standard Operating Procedures (SOPs) that provide a thorough guide to compliance with all required regulations. Policies and procedures are made available to every employee through Business Unit management and are reviewed on a regular basis to ensure continuous improvement.

Billy Bishop Airport continually tracks all known or foreseeable hazards, associated risks and Corrective Action Plans (CAPs). Employee concerns, near-miss incidents, the number and nature of workplace injuries and total lost days are also monitored.

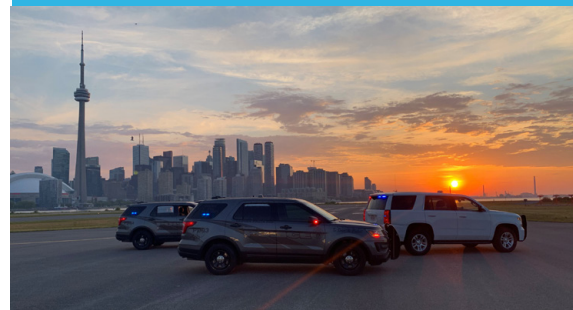
METRIC	2021
Fines for instances of health and safety non-compliance (value)	0
Injuries resulting in lost time	0
Total Lost Days	0
Injuries resulting in no lost time	2

## EMERGENCY EXERCISES

The airport’s resident Airport Rescue and Firefighting Service completes regular internal and external emergency services training throughout the year, including a full-scale and tabletop safety simulation or security exercise every year, exceeding the airport’s Transport Canada regulatory requirement.

These exercises test the airport’s protocols, procedures, communications and planning for emergency and security-related incidents, and ensure that the airport is ready to respond to any situation. They are critical to ensuring that the airport maintains a high level of emergency response preparedness and involve multiple agencies including Toronto Fire, Toronto Police Service (and related Marine Units), Toronto Paramedic Services, NAV CANADA, as well as staff and officials from the various agencies, airport stakeholders and airlines that operate out of Billy Bishop Airport.

A routine, full-scale training exercise was held at Billy Bishop Airport on June 19, 2021. Exercises such as this are critical to ensuring that airport security personnel can assess and respond to threats and incidents, and are essential to ensure that the airport maintains a high level of emergency response preparedness.

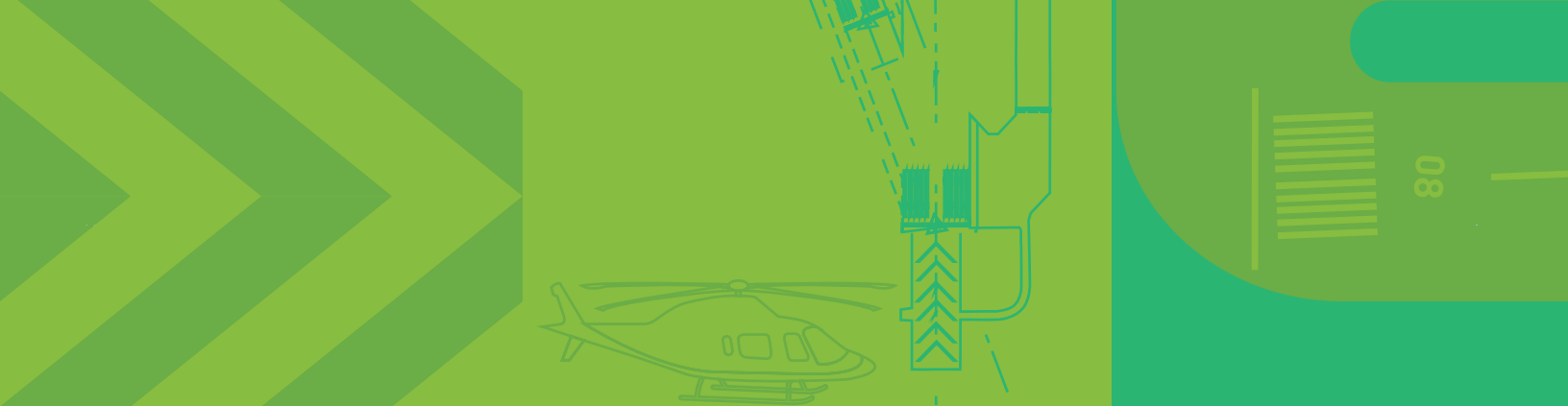


In March 2021, the Billy Bishop Toronto City Airport Fire Department held its annual ice and cold-water rescue training at the Toronto Island Park. As ice rescue operations are fairly rare, practice scenarios such as these allow our emergency rescue team to refresh their skills in executing rescues on ice and ensure that they are up-to-date on the latest techniques.

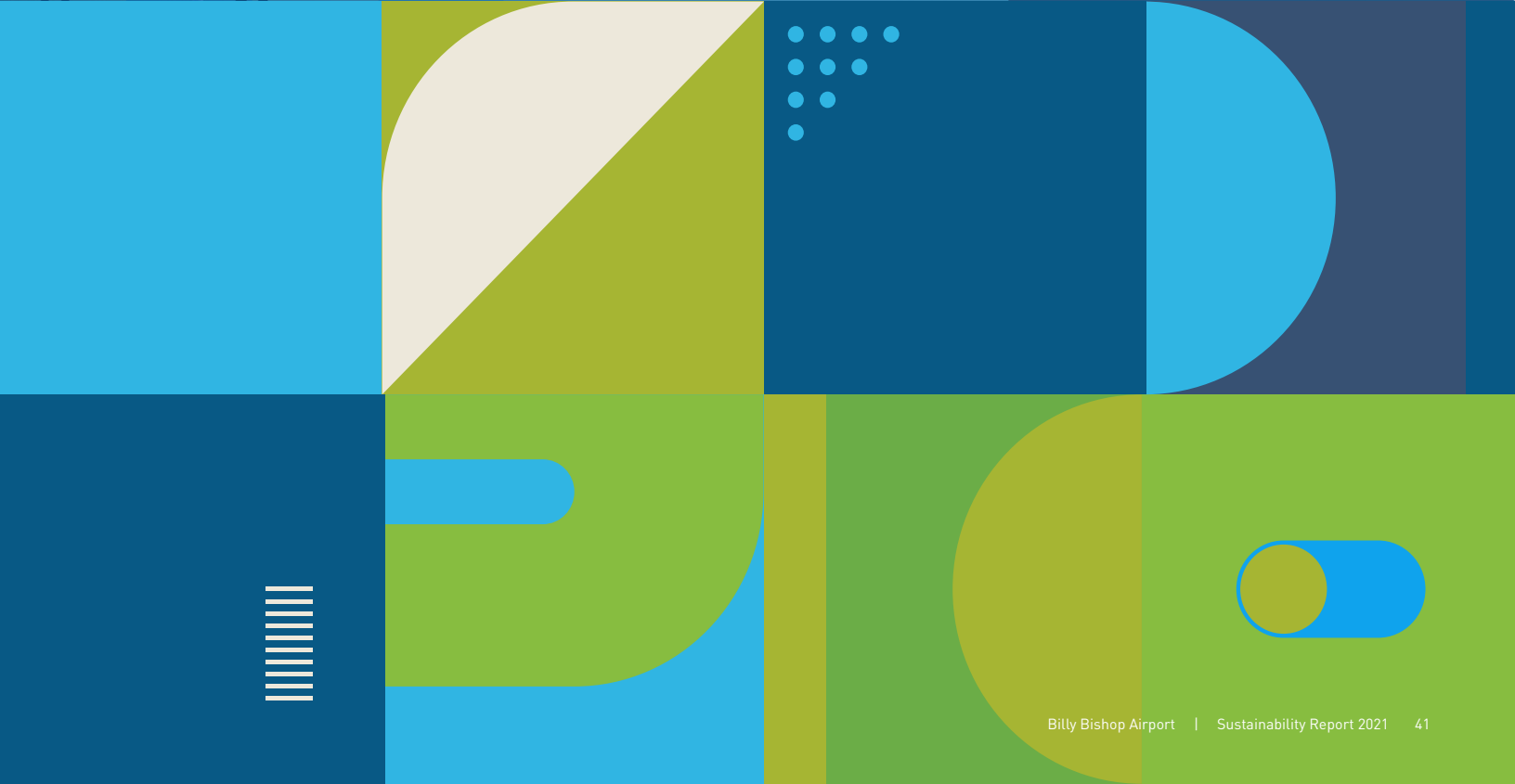


The Billy Bishop Airport Rescue and Fire Fighting team completes an annual fire inspection, which includes the verification of more than 100 fire extinguishers throughout PortsToronto facilities, including buildings, vehicles and ferries.





# IV – Economic Growth





# IV – Economic Growth

17 PARTNERSHIPS FOR THE GOALS



For Billy Bishop Airport, sustainability not only encompasses environmental and social accountability but also economic growth. Ensuring that its business remains viable enables PortsToronto to invest back into the communities in which it operates and helps to build a sustainable city.

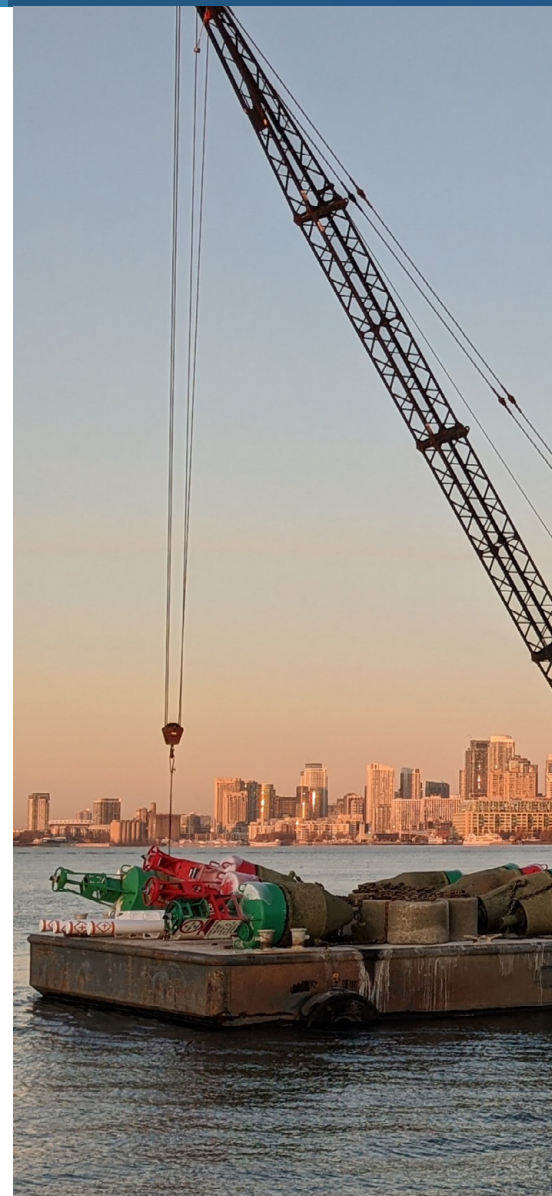
The unique downtown location of Billy Bishop Airport makes it a key urban transportation hub for Canadian and international businesses to gain convenient, cost-effective and environmentally sustainable access to the heart of Canada's business capital. By making these connections, Billy Bishop Airport is able support the regional economy in which our business thrives by facilitating tourism and trade.

## COLLABORATING WITH GOVERNMENT PARTNERS

PortsToronto, owner and operator of Billy Bishop Airport, is a key federal agency that works with other organizations to manage the harbour, engage in sustainable initiatives and work collaboratively to ensure a vibrant waterfront. As such, its management and staff members are engaged with all levels of government to ensure collaboration and coordination of current operational works and future projects along the waterfront. PortsToronto has regular meetings with the City of Toronto, Transport Canada, Waterfront Toronto and the Mississaugas of the Credit First Nation, and is a member of several Landowner and Stakeholder Advisory Committees for projects including the Bathurst Quay Waterfront Revitalization Plan, Waterfront Transit Reset, the Waterfront School Playground Master Plan, Toronto Island Master Plan and the Port Lands Planning Framework.

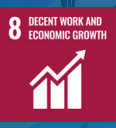
PortsToronto staff also provide technical support to several agencies and committees on projects including the Port Lands Flood Protection and Enabling Infrastructure Project, Port Lands Public Realm and River Project, and the Gibraltar Point Erosion Control Project.

PortsToronto is also a key agency supporting the work of Aquatic Habitat Toronto (AHT) since its inception in 2003, which represents a consensus-based partnership among agencies with a vested interest in the improvement of aquatic habitat on the Toronto Waterfront.





# IV – Economic Growth



## BATHURST QUAY REVITALIZATION PROJECT

In November 2021, Billy Bishop Airport joined the City of Toronto and the Ireland Park Foundation in celebrating the successful completion of the first phase of the Bathurst Quay Waterfront Revitalization project. The first phase of this project included PortsToronto investments to reduce Billy Bishop Airport's footprint, improve traffic flow in the area and provide new parking and pick-up, drop-off zone for the Waterfront School. The project's second phase will build on these contributions to provide practical and valuable outdoor space for the community and a welcoming entry point for visitors to Toronto.

## FACILITATING TOURISM AND TRADE

Since its opening in 1939, Billy Bishop Airport has become an important international gateway and significant economic engine for the GTA. The airport plays an important role in Toronto's billion-dollar tourism industry, with visitors coming through Billy Bishop Airport spending approximately \$150 million a year on accommodation, transportation, retail and food and beverage pre-pandemic. As the tourism sector recovers from the economic impacts of the pandemic, Billy Bishop Airport will continue to support Toronto's key industries including the financial services, life sciences, the food and beverage sector, travel and tourism, and the film and television industry through direct and indirect economic benefits.

According to a study by Destination Toronto, the Toronto region is home to 38 per cent of Canadian business headquarters and accounts for 18.5 per cent of Canada's GDP<sup>7</sup>. With an estimated 135 million people living within a 90-minute flight of Toronto<sup>8</sup>, Billy Bishop Airport is well positioned to support pandemic recovery in our region as it continues to serve as an essential transportation gateway to Canada's largest city – supporting jobs, tourism and trade in the Greater Toronto Area.



Bathurst Quay Waterfront Revitalization project



**Never have I ever...**  
Walked under the lake to get to my flight.



AÉROPORT DE TORONTO  
**BILLY BISHOP**  
TORONTO CITY AIRPORT



Welcome to **TORONTO**



Never have I ever...

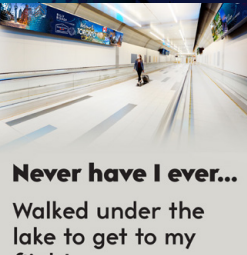


Walked under the lake to take an elevator to Toronto.



Never have I ever...

Walked under the lake to take an elevator to Toronto.



**Never have I ever...**  
Walked under the lake to get to my flight.



In 2021, Billy Bishop Airport participated in Destination Toronto's Never Have I Ever campaign, a tourism recovery campaign supporting some of the hardest hit businesses within Toronto's tourism and hospitality community. Toronto welcomed more than 9.7 million visitors in 2019. In 2021, only 1.8 million visitors.

<sup>7</sup> and <sup>8</sup> Destination Toronto



# IV – Economic Growth



## TORONTO GLOBAL STRONGER THAN EVER SUMMIT

On September 9, 2021, Billy Bishop Airport hosted Toronto Global Forum’s Stronger Than Ever Summit. Among speakers including Mayor John Tory, PortsToronto CEO Geoffrey Wilson joined Toronto Global’s CEO Stephen Lund to chat about the role Billy Bishop Airport will play in bringing back business and tourism travel as the GTA emerges from the pandemic.

## RESTART OF COMMERCIAL SERVICE

On September 8, 2021, Billy Bishop Airport staff, stakeholders and government partners marked the restart of commercial service and recognized the conclusion of a difficult period for the aviation industry by welcoming back passengers and getting back to the business of making connections and supporting Toronto’s economy.

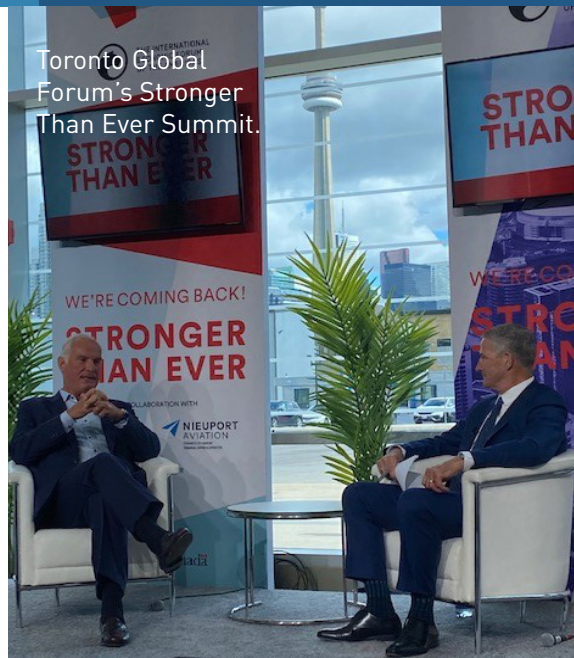
His Worship John Tory, Mayor of Toronto, and Michael Deluce, President and CEO of Porter Airlines joined Geoffrey Wilson, CEO of PortsToronto, in offering remarks to celebrate the occasion.

*“This is a day that we have all been looking forward to and planning for since March 2020, when the pandemic emerged and our world changed overnight. Today we mark a return to commercial service at Billy Bishop Airport and a return to the business, passengers and experiences that make our airport truly unique and inspire our love of travel. The restart of Billy Bishop Toronto City Airport is also an important component of the City of Toronto’s recovery strategy as our restart means a return of jobs, a return of trade and tourism, and a return of a valuable gateway to one of the best cities in the world.”*

– Geoffrey Wilson, PortsToronto CEO

*“The restart of commercial service at Billy Bishop Toronto City Airport is an important sign of the progress we have made combatting the pandemic and getting residents vaccinated. We are safely reopening our city and I’m so confident that our economic recovery will be a success. Toronto will come back stronger than ever thanks to all of our collective efforts across the city. I want to thank everyone who has worked on the airport restart effort. Today we are welcoming back commercial service and all that it brings with it – more jobs, more business, and more tourism.”*

– John Tory, Mayor of Toronto



In October 2021, Air Canada launched commercial service between Billy Bishop Airport and Ottawa International Airport. This addition to the carrier’s successful Montreal offering provides passengers loyal to Air Canada with the ability to travel to and from the national capital from the convenience of Billy Bishop Airport.





# IV – Economic Growth



## JOB CREATION

As a key transportation hub connecting travellers directly into the heart of Canada’s largest city, Billy Bishop Airport helps to drive the finance, technology and healthcare innovation sectors in the GTA. According to a 2021 study by York Aviation, Billy Bishop Airport could contribute \$4.8 billion in GDP annually to the City of Toronto and Province of Ontario by 2025.

Global brands and technology giants such as Amazon and Uber choose the Greater Toronto Area to base their operations. With international borders now open and travel ramping up, Billy Bishop Airport will play a more vital role than ever before in connecting businesses in Toronto to key technology markets in the U.S. such as New York and Boston, providing fast, efficient and daily connections between technology hubs.

According to a 2021 study by York Aviation, Billy Bishop Airport could contribute \$4.8 billion in GDP annually to the City of Toronto and Province of Ontario by 2025.<sup>9</sup>



# YTZ



<sup>9</sup>Nieport Aviation <https://www.nieport.com>

# V – 2022 and Beyond



In this report, we once again put our organization through its paces — highlighting areas where we are succeeding, while also reflecting on how we can continue to improve in order to maximize the impact of our sustainability efforts.

In 2022 and beyond, Billy Bishop Airport will continue to enhance our sustainability strategy and reporting and strive to achieve a strengthened carbon reduction target.



# Appendix A.



SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p>SDG 5 ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS</p> 	<p>5.5 Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life</p> <p>5.5.2 Proportion of women in managerial positions</p>	<p>Billy Bishop Airport is committed to enacting policies and procedures that promote diversity and inclusion throughout our businesses.</p> <p>We are continuing to progress in this area by recognizing the contributions of all employees through policies such as the Pay Equity Plan, which ensures equal pay for equal work and addresses the systemic discrimination for historically undervalued female positions.</p> <p>We also celebrate the full participation of all employees in our organization through initiatives such as Women in Aviation Week, and through collaboration with organizations including the Canadian Association for Girls in Science, which produced a video interview with Project Manager Jelena Ognjanovic to promote STEM (science, technology, math and engineering) learning among girls and gender nonconforming youth.</p> <p>Learn more:</p> <ul style="list-style-type: none"> <li>• Canadian Association for Girls in Science, p. 24</li> <li>• Women in Aviation Week, p. 35</li> </ul>

# Appendix A.



SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p data-bbox="86 646 358 947">SDG 6 ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL</p> 	<p data-bbox="412 646 805 1100">6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally</p> <p data-bbox="412 1142 805 1329">6.B Support and strengthen the participation of local communities in improving water and sanitation management</p>	<p data-bbox="820 646 1495 869">As a steward of the waterfront for more than a century and an organization operating on Toronto’s shores, PortsToronto, owner and operator of Billy Bishop Airport, is dedicated to balancing its operations with the protection and conservation of water resources.</p> <p data-bbox="820 911 1495 1058">With respect to operations, strict environmental management protocols are in place in order to prevent contaminants from entering the natural environment.</p> <p data-bbox="820 1100 997 1136">Learn more:</p> <ul data-bbox="820 1178 1474 1367" style="list-style-type: none"> <li>• Glycol Management at Billy Bishop Airport, p. 31</li> <li>• Environmental Management p. 31</li> <li>• Use of PFAS-free firefighting foam at Billy Bishop Airport, p. 31</li> </ul>



# Appendix A.



SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p>SDG 8 DECENT WORK AND ECONOMIC GROWTH</p> 	<p>8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value</p> <p>8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment</p> <p>8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products</p>	<p>As a key international transportation hub, Billy Bishop Airport serves as an economic engine that contributes to its local market profitability, supports job creation in the communities it serves and supports its regional economy by facilitating tourism and trade.</p> <p>Recognizing that the well-being of our employees is fundamental to the continued success of our businesses, Billy Bishop Airport provides a supportive work environment and benefits from the efforts of a Wellness Committee, which promotes physical and mental health both in the workplace and at home.</p> <p>Throughout the pandemic, Billy Bishop Airport has maintained its strong record of accomplishment in health and safety performance. By swiftly implementing measures like the Safe Travels Program, which achieved the Airports Council International (ACI) Airport Health Accreditation for its protection of staff and passengers, and a COVID-19 vaccination policy for all staff, Billy Bishop Airport has reaffirmed its commitment to maintaining a safe and healthy workplace.</p> <p>Learn more:</p> <ul style="list-style-type: none"> <li>• Facilitating Tourism and Trade, p. 43</li> <li>• Job Creation, p. 45</li> <li>• Safe Travels Program, p. 39</li> <li>• Airports Council International Airport Health Accreditation, p. 39</li> <li>• Wellness Committee, p. 39</li> </ul>

# Appendix A.



SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p data-bbox="94 646 370 793">SG 9 INDUSTRY, INNOVATION, AND INFRASTRUCTURE</p> 	<p data-bbox="418 646 808 1024">9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all</p> <p data-bbox="418 1066 808 1176">9.1.2 Passenger and freight volumes, by mode of transport</p> <p data-bbox="418 1218 808 1675">9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities</p> <p data-bbox="418 1717 808 1785">9.4.1 CO2 emission per unit of value added</p>	<p data-bbox="829 646 1539 913">As part of our strategic future planning, Billy Bishop Airport has made a commitment to pursue projects and partnerships that align with our sustainable site design and procurement policies, and to prioritize innovative, climate-resilient infrastructure that will allow our businesses to thrive in the long-term.</p> <p data-bbox="829 955 1539 1176">Case in point, the innovative, first-of-its-kind in Canada retrofit of the <i>Marilyn Bell I</i> ferry to electric power will see significant improvements in air quality, noise management and the elimination of GHG emissions from the ferry's operation.</p> <p data-bbox="829 1218 1539 1522">Moreover, as part of our Cityside Modernization Project, Billy Bishop Airport implemented measures recommended in a Climate Change Vulnerability Assessment, including the installation of two jellyfish filters at the mainland passenger transfer facility that filter and clean storm water before it enters the city stormwater system.</p> <p data-bbox="829 1564 1006 1596">Learn more:</p> <ul data-bbox="829 1638 1421 1864" style="list-style-type: none"> <li>• Conversion of the <i>Marilyn Bell I</i> ferry to electric power, p. 21</li> <li>• Jellyfish Filters, p, 26</li> <li>• A Walkable, Bikeable Airport, p. 28</li> <li>• Sustainable Site Design, p. 25</li> <li>• Sustainable Procurement Policy, p. 14</li> </ul>


# Appendix A.



SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p>SDG 11 SUSTAINABLE CITIES AND COMMUNITIES</p> 	<p>11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management</p>	<p>Whether conducting meetings with community residents and airport stakeholders designed to ensure we are responsive to the needs of our neighbours, or investing in charitable initiatives and environmental programs that benefit communities along Toronto's waterfront and beyond, Billy Bishop Airport is committed to fostering resilient, safe and sustainable communities.</p> <p>Over the years, Billy Bishop Airport has continued to improve its Noise Mitigation Program and has won several awards recognizing these efforts. Whether through ongoing studies related to ground noise and air quality in the vicinity of the airport, diligent monthly and annual reporting through our Noise Management Office, or consistent dialogue with our Community Liaison Committee, Billy Bishop Airport will continue to prioritize processes and investments that mitigate the impact of our operations and ensure we remain in balance with our surrounding community.</p> <p>Learn more:</p> <ul style="list-style-type: none"> <li>• Noise Management Program, p. 35</li> <li>• Ground Noise Study, p. 36</li> <li>• Air Quality Study, p. 37</li> <li>• Community Liaison Committee, p. 38</li> <li>• Noise Management Sub-Committee, p. 38</li> <li>• Community Investment, p. 19</li> </ul>


# Appendix A.



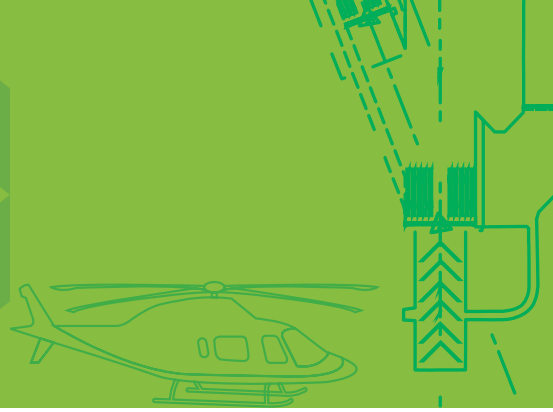
SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p data-bbox="94 646 394 793">SDG 12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> 	<p data-bbox="418 646 797 1136">12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment</p> <p data-bbox="418 1182 773 1360">12.4.2 Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment</p> <p data-bbox="418 1409 732 1520">12.6.1 Number of companies publishing sustainability reports</p> <p data-bbox="418 1566 773 1745">12.7 Promote public procurement practices that are sustainable, in accordance with national policies and priorities</p>	<p data-bbox="829 646 1511 869">Each year, Billy Bishop Airport conducts a full audit of its environmental performance in an annual Sustainability Report, which consolidates all of the work we are doing so that we can continue to measure our progress and maximise the impact of our efforts.</p> <p data-bbox="829 915 1539 1178">Best practices related to sustainability and environmental protection are followed by Billy Bishop Airport and its contractors during all planning, development and operational phases of any project. In fact, we have adopted a sustainable procurement policy that seeks out businesses that share our commitment to sustainability.</p> <p data-bbox="829 1224 1507 1335">Further, Billy Bishop Airport is committed to working with our partners and tenants to do our part to recover, reuse and recycle materials.</p> <p data-bbox="829 1381 1003 1409">Learn more:</p> <ul data-bbox="829 1455 1409 1633" style="list-style-type: none"> <li>• Hazardous Waste Recycling, p. 30</li> <li>• Glycol Management, p. 30</li> <li>• PFOS-free Firefighting Foam, p. 31</li> <li>• Environmental Management, p.31</li> <li>• Sustainable Procurement Policy, p. 14</li> </ul>


# Appendix A.



SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p>SDG 13 CLIMATE ACTION</p> 	<p>13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries</p> <p>13.2.2 Total greenhouse gas emissions per year</p>	<p>Billy Bishop Airport uses renewable electricity sources to lower our carbon footprint and foster climate resiliency. By taking immediate action and using meaningful processes, Billy Bishop Airport works to combat climate change and reduce the environmental impact of our operations.</p> <p>One key project bringing us closer to our overall emissions reduction target is the conversion of the Marilyn Bell I ferry to electric power, which will result in an overall reduction of approximately 530 tonnes of CO2 emissions per year at Billy Bishop Airport.</p> <p>Insert Bullfrog Power/Delphi numbers in 2022.</p> <p>It is increasingly important to ensure our infrastructure and operations are resilient against the impacts of a changing climate. To this end, we have begun to integrate climate resiliency into our strategic planning and will continue to assess climate resiliency as part of our climate change action plan moving forward.</p> <p>Learn more:</p> <ul style="list-style-type: none"> <li>• Carbon Reduction Strategy, p. 18</li> <li>• Reporting on Greenhouse Gas Emissions, p. 17</li> <li>• Supporting Emissions Reductions in our Community, p. 27</li> <li>• Becoming Climate Resilient, p. 26</li> <li>• Electrifying our fleet of service vehicles p. 21</li> <li>• Choosing Renewable Energy through Bullfrog Power, p. 19</li> </ul>

# Appendix A.



SDG	RELEVANT TARGETS	CONTRIBUTIONS
<p>SDG 17 PARTNERSHIPS</p> 	<p>17.16 Enhance the Global Partnership for Sustainable Development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the Sustainable Development Goals in all countries, in particular developing countries</p> <p>17.17 Encourage and promote effective public, public private and civil society partnerships, building on the experience and resourcing strategies of partnerships</p>	<p>PortsToronto, owner and operator of Billy Bishop Airport, is a key federal agency that works with other organizations to manage the harbour, engage in sustainable initiatives and work collaboratively to ensure a vibrant waterfront. As such, our management and staff members are engaged with all levels of government to ensure collaboration and coordination of current operational works and future projects along the waterfront.</p> <p>Internally, Billy Bishop Airport benefits from the efforts of an employee-led Sustainability Committee. Environmental ambassadors from each business unit meet regularly to share ideas and identify strategies for employing environmental best practices throughout our operations.</p> <p>Learn more:</p> <ul style="list-style-type: none"> <li>• Collaborating with Government Partners, p. 38</li> <li>• Sustainability Committee, p. 13</li> </ul>



AÉROPORT DE TORONTO  
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