

# B.C. PAVILION CORPORATION

## 2022 PSO CLIMATE CHANGE ACCOUNTABILITY REPORT

### **PART 1. Legislative Reporting Requirements**

#### Declaration statement

This PSO Climate Change Accountability Report for the period January 1, 2022 to December 31, 2022 summarizes B.C. Pavilion Corporation's (PavCo's) greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2022 to minimize our GHG emissions, and our plans to continue reducing emissions in 2023 and beyond.

By June 30, 2023, PavCo's final 2022 PSO Climate Change Accountability Report will be posted to its website at [www.bcpavco.com](http://www.bcpavco.com).

#### About Us

PavCo is a Provincial Crown Corporation with a mandate to generate economic and community benefit for the people of British Columbia through prudent management of public facilities. PavCo owns and operates two world-class public facilities located in downtown Vancouver: BC Place and the Vancouver Convention Centre. During the calendar year 2022, PavCo reported to the Ministry of Tourism, Arts, Culture and Sport.

BC Place is a state-of-the-art stadium that features a range of customizable options, including high-definition video displays, interior temperature control, impressive acoustics, the world's largest retractable roof, and a FIFA 2-Star rated playing surface.

The Vancouver Convention Centre consists of two distinct buildings, the East building and the West building, the latter being a double LEED® Platinum certified convention facility. The Convention Centre incorporates environmentally sustainable features and technology, such as a six-acre "living roof," a marine habitat, an on-site Blackwater Treatment Plant, and a commitment to ongoing environmentally sustainable operation.

In a typical year, PavCo generates between \$450 – 550 million annually in economic impact to the Province of British Columbia, with a mandate to generate economic and community benefit for the people of British Columbia through prudent management of public facilities.

PavCo's mission is to deliver outstanding and sustainable events and experiences for clients and guests, with corporate values of services excellence, collaboration, innovation, accountability, and diversity, equity, and inclusion.

### Actions taken to minimize emissions and future plans

At both the East and West buildings of the Vancouver Convention Centre, retrofitting fixtures with energy-efficient LED lighting has been an ongoing initiative. By the end of 2022, we achieved 80% completion. This program not only reduces energy consumption but also mitigates the higher usage of mercury found in traditional fluorescent fixtures. In 2023, the program will continue and expand to include BC Place.

In 2021, the installation of a low-carbon Domestic Hot Water pre-heat system commenced at the West building of the Vancouver Convention Centre. This system was fully installed and operational in 2022, with an expected reduction of 87 tons of annual greenhouse gas (GHG) emissions. Future plans involve extending the system further, with an ambitious goal of relying on heat recovery for 75% of domestic hot water at the Vancouver Convention Centre.

In collaboration with our partners, installation of EV charging stations is being investigated for both the Vancouver Convention Centre and BC Place grounds.

At BC Place, a study focusing on the transition to renewable fuels for space heating will begin in 2023, with implementation planned in subsequent years. Moreover, research on renewable energy sources for both facilities will be conducted. BC Place has also continued its program to replace end-of-life propane forklifts with fully electric units, thereby reducing dependence on carbon-based fuels.

In 2021, a pilot project on rainwater harvesting was successfully completed at BC Place, with plans to supply its washrooms in an upcoming renovation. Similarly, the Vancouver Convention Centre will explore rainwater harvesting solutions in 2023 to add to the facility's black water treatment plant supply.

Both facilities have continued to enhance their comprehensive recycling programs, which are regularly monitored. We plan to innovate these programs further to ultimately achieve our zero-waste goals.

PavCo remains deeply committed to sustainability and has significantly increased staffing for this critical team, ensuring that important improvements in all aspects of sustainability work can be continuously achieved. The team will actively participate in climate change management strategies, with consultations commencing in 2023.

Collectively, these efforts have resulted in considerable emissions reductions. In 2022, compared to 2017, BC Place reduced its emissions by 37%, while the Vancouver Convention Centre achieved a remarkable 54% reduction.

## 2022 GHG Emissions and Offsets Summary Table

<b>B.C. Pavilion Corporation 2022 GHG Emissions and Offsets Summary</b>	
<b>GHG emissions for the period January 1 - December 31, 2022</b>	
Total BioCO <sub>2</sub>	46
Total Emissions (tCO <sub>2</sub> e)	4328
Total Offsets (tCO <sub>2</sub> e)	4282
<b>Adjustments to Offset Required GHG Emissions Reported in Prior Years</b>	
Total Offsets Adjustment (tCO <sub>2</sub> e)	0
<b>Grand Total Offsets for the 2022 Reporting Year</b>	
Grand Total Offsets to be Retired for 2022 Reporting Year (tCO <sub>2</sub> e)	4282
Offset Investment (\$)	\$107,050

### Retirement of Offsets

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, B.C. Pavilion Corporation (**the Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2022 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (**the Ministry**) ensuring that these offsets are retired on the Organization's behalf, the Organization will pay within 30 days, the associated invoice to be issued by the Ministry in an amount equal to \$25 per tonne of offsets retired on its behalf plus GST.

### Executive Sign-off

	May 24, 2023
Signature	Date
Rehana Din	COO
Name (please print)	Title