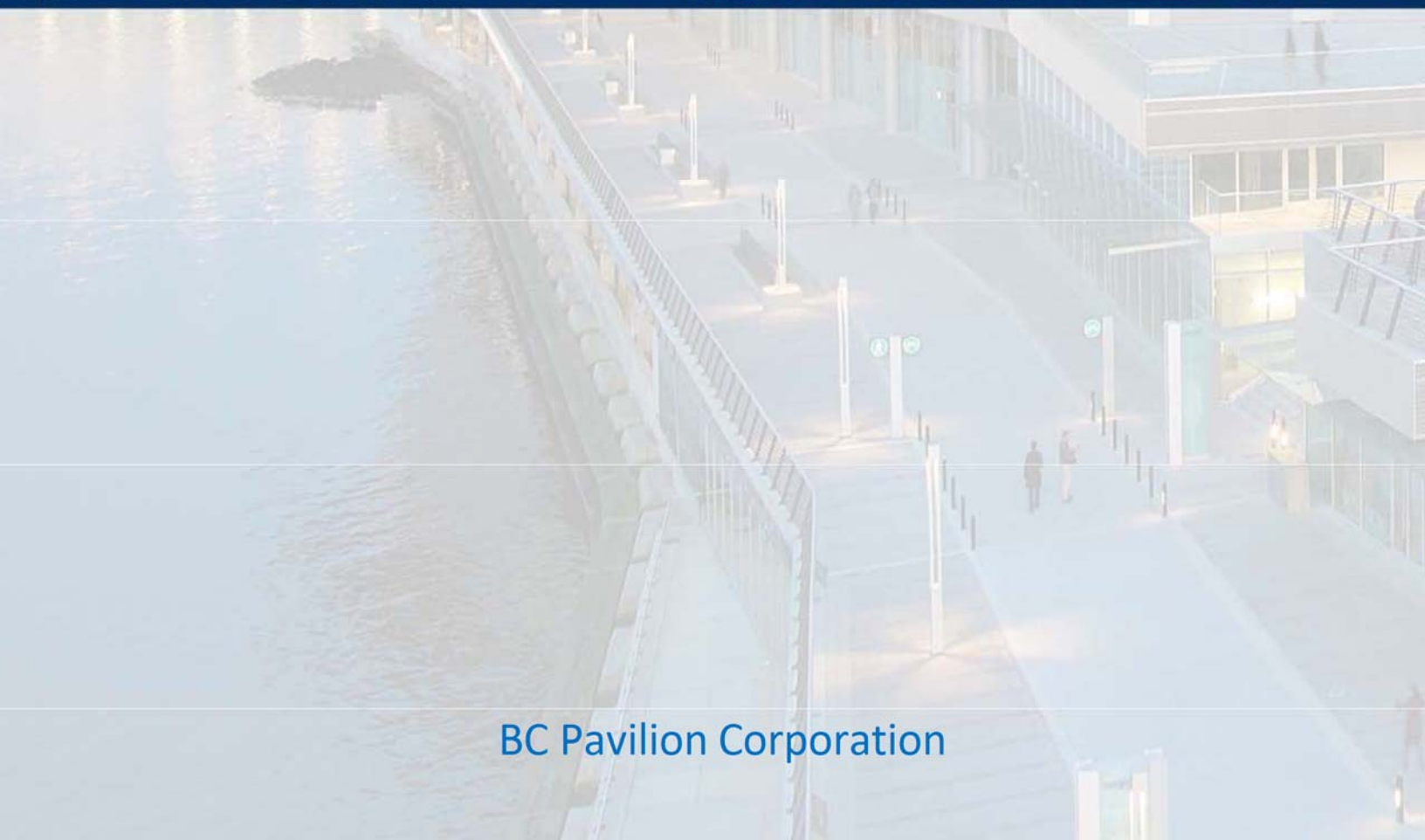




CARBON NEUTRAL ACTION REPORT

2014



BC Pavilion Corporation

EXECUTIVE SUMMARY

Declaration Statement:

This is the 2014 Carbon Neutral Action Report for BC Pavilion Corporation (PavCo). This report contains our 2014 emissions profile, offsets purchased, the action we have taken in 2014 to reduce our GHG emissions and our plans to continue reducing emissions in 2015 and beyond.

By June 30th PavCo's final CNAR will be posted to our website www.bcpavco.com

PavCo is a Provincial Crown Corporation with a mandate to increase economic benefit to British Columbia through the management of two world-class public facilities located in downtown Vancouver: BC Place and the Vancouver Convention Centre. During the calendar year 2014, PavCo reported to the Ministry of Transportation and Infrastructure.

PavCo's Mandate

To generate economic and community benefit for the people of British Columbia through prudent management of public facilities.

PavCo's Vision

To be the global leader in outstanding venues and events.

PavCo's Values

- Quality and Service:
- Respect, Fairness and Honest Communication:
- Financial Responsibility:
- Creativity and Innovation:
- Enthusiasm:
- Environmental Responsibility, Integrity.

BC Place is one of the most technologically advanced stadiums in the world. It boasts a cutting-edge spectrum of customizable features, such as high definition video displays, interior temperature control, incredible acoustics, retractable seating, and a FIFA 2-Star rated playing surface.

The Vancouver Convention Centre consists of two uniquely designed buildings, the iconic East building and connected West building, the world's first LEED® Platinum certified convention facility. The Convention Centre is designed with the latest environmentally sustainable features and technology, including a six-acre "living roof", a marine habitat and an on-site blackwater treatment plant.

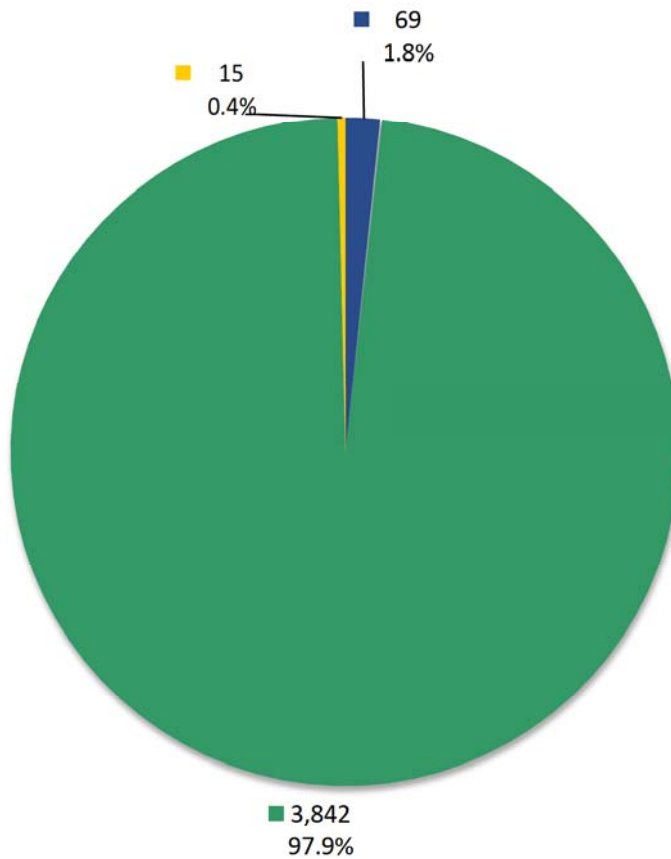
Together, BC Place and the Vancouver Convention Centre generate in excess of \$300 million in economic benefit for the province annually. These important venues attract thousands of people every year to our province, economically supporting our hotel and tourism industries, as well as restaurants and other retail.

Overview

BC Place reduced their consumption mainly from smart operations. An initiative to further reduce HVAC usage when not required was implemented so that a significant saving was realized. The Vancouver Convention Centre continued its best practices for holding sustainable events while continuing with their utility monitoring of all building systems.

Both BC Place and the Vancouver Convention Centre continue to look for efficiencies and enhancements for optimization. The target for the facility continues to be an annual 3% decrease in energy use, in line with BC Provincial Government reduction target of 33% by 2020.

**BC Pavilion Corporation
Greenhouse Gas Emissions by Source for the 2014 Calendar Year (tCO₂e*)**



Total Emissions: 3,927

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion (Building Heating and Generators) and Electricity
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2014 (Generated June 23, 2015 11:34 AM)

Total offsets required: **3,918**. Total offset investment: **\$97,950**. Emissions which do not require offsets: **9** **

*Tonnes of carbon dioxide equivalent (tCO₂e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

** Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.

| BC Pavilion Corporation GHG Emissions and Offsets for 2014 (TCO2E) | |
|---|------|
| GHG Emissions created in Calendar Year 2014 | |
| Total Emissions (TCO2E) | 3927 |
| Total Offsets (TCO2E) | 3918 |
| Adjustments to GHG Emissions Reported in Prior Years | |
| Total Emissions (TCO2E) | n/a |
| Total Offsets (TCO2E) | n/a |
| Total Emissions for Offset for the 2014 Reporting Year | |
| Total Offsets (TCO2E) | 3918 |

Executive sign-off:



June 23, 2015

Signature

Date

Ken Cretney

Chief Executive Officer

Name (please print)

Title

2014 Carbon Neutral Action Report (CNAR) - Part 2 ACTIONS

Organization Name

B.C. Pavilion Corporation (PavCo)

Actions Taken to Reduce Emissions

1) Stationary Fuel Combustion, Electricity (Buildings): Indicate which actions were taken in 2014:

Performed energy retrofits on existing buildings

Yes

Built or are building new LEED Gold or other "Green" buildings.

No

Undertook an evaluation of overall building energy use.

Yes

Please list any other actions taken to reduce emissions from Buildings:

HVAC fans were reviewed and shut down where ever possible.

Lighting / Energy Audit

2) Mobile Fleet Combustion (Fleet and other vehicles): Indicate which actions were taken in 2014:

Do you have a fleet?

Yes

Replaced existing vehicles with more fuel efficient vehicles (gas/diesel)

Yes

Replaced existing vehicles with hybrid or electric vehicles

No

Reduced the overall number of fleet vehicles

No

Took steps to drive less than last year

Yes

Please list any other actions taken to reduce emission from fleet:

Both, VCC and BC Place staff consistently carpool when they travel to meetings or appointments. Also, regular use of public transit when staff meeting at either one of the two of our locations (direct skytrain connection).

3) Supplies (Paper):Indicate which actions were taken in 2014:

Used less paper than previous year

Yes

Used only 100% recycled paper

Yes

Used some recycled paper

Yes

Used alternate source paper (Bamboo, hemp, etc.)

Yes

Please list any other actions taken to reduce emissions from paper use:

All printers default to double sided where available. Marketing initiative (email messaging) to print less.

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Actions Taken to Reduce Emissions - continued

Explain how you plan to continue minimizing emissions in 2015 and future years:

Ongoing operational and short/long term capital improvement plans to review usage and reduce when possible.

If you wish to list any other "sustainability actions" outside of buildings, fleet, paper and travel check "yes". This reporting is optional.

Yes

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Actions to Promote Sustainability and Conservation - OptionalThe following are actions that fall outside the scope of the Carbon Neutral Government Regulation, but which many organizations still undertake and may wish to report on. This section is optional for reporting.

Business TravelCreated a low-carbon travel policy or travel reduction goal (Low-carbon: Lowest emission of greenhouse gases per kilometre per passenger)

Yes

Virtual Meeting Technology Installed web-conferencing software (e.g., Live Meeting, Elluminate, etc.)

Yes

Made desktop web-cameras available to staff

(No response)

Encourage alternative travel to meetings (e.g., bicycles, public transit, walking)

Yes

Encourage carpooling to meetings

Yes

Education and Awareness Have created Green, Sustainability, Energy Conservation, or Climate Action Teams.

Yes

Provided resources and/or dedicated staff to support these teams

Yes

Provided behaviour change education/training for these teams (e.g., community-based social marketing)

Yes

Established a sustainability/green awards or recognition program

No

Support green professional development (e.g., workshops, conferences, training)

Yes

Planning for Climate Change Have assessed whether extreme weather events and/or long term changes in climate will affect our organization's business areas

No

Long term changes in climate have been incorporated into our organization's decision making.

Yes

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Actions to Promote Sustainability and Conservation - Optional (continued)

Staff Awareness and Education Provided education to staff about the science of climate change

No

Provided education to staff about the conservation of water, energy, and raw materials

No

Provided green tips on staff website or in newsletters

Yes

Alternate Work/Commuting Options Allow for telework/working from home

No

Staff have the option of a compressed work week

No

Commuting by foot, bicycle, carpool or public transit is encouraged

Yes

Shower or locker facilities are provided for staff/students who commute by foot or by bicycle

Yes

Secure bicycle storage is provided

Yes

Other Sustainability Actions Establish a water conservation strategy which includes a plan or policy for replacing water fixtures with efficient models

Yes

Put in place a potable water management strategy to reduce potable water demand of building-level uses such as cooling tower equipment, toilet fixtures, etc. and landscape features

Yes

Have put in place an operations policy to facilitate the reduction and diversion of building occupant waste from landfills or incineration facilities

Yes

Have implemented a hazardous waste reduction and disposal strategy (Hazardous Waste: E.g., electronics including computer parts and monitors, batteries, paints, fluorescent bulbs)

Yes

Have incorporated minimum recycled content standards into procurement policy for consumable, non-paper supplies (e.g., writing instruments, binders, toner cartridges, etc.)

No

Established green standards for goods that are replaced infrequently and/or may require capital funds to purchase (e.g., office furniture, carpeting, etc.)

Yes

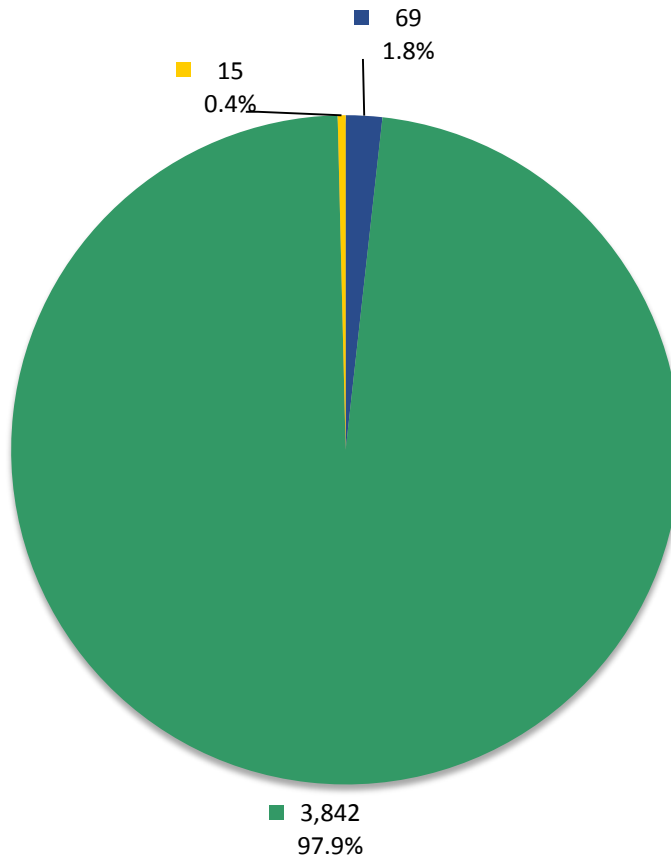
Incorporated lifecycle costing into new construction or renovations

Yes

Please list and other sustainability actions you wish to report not included in the previous list.

(No response)

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