

2021 PUBLIC SECTOR ORGANIZATION (PSO) CLIMATE CHANGE ACCOUNTABILITY REPORT (CCAR)

- INSTRUCTIONS & TEMPLATE FOR PUBLIC SECTOR ORGANIZATIONS -

This document provides guidance to provincial public sector organizations (PSOs) in preparing their 2021 Climate Change Accountability Report (CCAR) in accordance with BC's [Climate Change Accountability Act \(section 8.1\)](#) and the [Carbon Neutral Government \(CNG\) Regulation](#). Information provided through this reporting process also supports continued work to advance climate leadership in B.C.'s public sector.

2021 REPORTING YEAR TIMELINES

April 30, 2022	<ul style="list-style-type: none"> ✓ Clean Government Reporting Tool (CGRT) Data Entry must be completed for the 2021 reporting year. ✓ Self-Certification Checklist questionnaire must be completed in CGRT.
Mid-May 2022	<ul style="list-style-type: none"> ✓ PSOs receive an invoice with the amount of offsets to be purchased for the 2021 reporting year.
May 31, 2022	<ul style="list-style-type: none"> ✓ PSO CCAR must be signed and submitted by email to: Carbon.Neutral@gov.bc.ca. ✓ CCAR Survey must be completed and submitted online. ✓ See notes below regarding streamlined requirements for Small Emitters*.
June 30, 2022	<ul style="list-style-type: none"> ✓ Ministry of Environment and Climate Change Strategy must: <ul style="list-style-type: none"> ○ Post all PSO CCARs on the BC Government's CNG website; and ○ Retire sufficient carbon offsets on behalf of PSOs to achieve public sector carbon neutrality for the 2021 reporting year. ✓ PSOs must complete payment on their offset invoice and provide confirmation of payment by email to Carbon.Neutral@gov.bc.ca. ✓ PSOs are encouraged to post their CCAR to their own website.

***Small Emitters:** PSOs that emitted less than 600 tonnes CO₂e during the 2020 reporting year received a confirmation email from Carbon.Neutral@gov.bc.ca by January 31, 2022, confirming their status as a Small Emitter for the 2021 reporting year. Small Emitters are required to follow the same timelines and reporting process as all PSOs, but have the option of completing simplified versions of the PSO CCAR template and Survey as follows:

- PSO CCAR: Part 1 and the Executive Signature section
- Survey: Sub-set of questions as identified in the survey

INSTRUCTIONS FOR COMPLETING THE PSO CCAR

The PSO CCAR template below sets out the required content to:

- 1) Achieve legislated CNG requirements; and
- 2) Support public sector climate leadership.

Your report should be written with a public audience in mind. You have full ownership over the look and formatting of your PSO CCAR, as well as any additional information you wish to include. We encourage organizations to include a cover page, photos, graphics, etc. although this is optional.

The PSO CCAR must include the following minimum components as set out in the PSO CCAR template:

- i. Title
- ii. Organization name
- iii. Declaration Statement
- iv. Actions taken to minimize emissions
- v. Plans to continue reducing emissions
- vi. Emissions and Offsets Summary Table
- vii. Retirement of Offsets Statement
- viii. Signature by a senior official such as CEO, COO or Superintendent

Small Emitters are only required to complete the following sections of the PSO CCAR template, but are encouraged to complete other sections as appropriate:

- Part 1 Legislative Reporting Requirements
- Executive Sign-off

The final, signed version of your PSO CCAR must be submitted by May 31, 2022 by email to:

Carbon.Neutral@gov.bc.ca.

The Clean Government team will post PSO CCARs to the BC Government's CNG website by June 30, 2022 to meet legislative requirements. PSOs are encouraged to post their CCAR to their own website by the same date.

Questions?

Any questions related to PSO CCARs should be emailed to Carbon.Neutral@gov.bc.ca. Please use the subject line: "CCAR – [PSO name] – [nature of question]"

PSO CCAR

BC Infrastructure Benefits Inc. (BCIB)

2021 Reporting Year

BCIB is the provincial Crown Corporation responsible for implementing the Community Benefits Agreement (CBA) on select public infrastructure projects. The CBA prioritizes hiring of local, Indigenous peoples, women, people with disabilities and other underrepresented groups and enables a culturally competent and respectful worksite. BCIB is committed to growing and mobilizing a safe, diverse, and skilled workforce and increase opportunities for apprenticeships.

Title: *VP Finance, CFO, BCIB* 2021 PSO Climate Change Accountability Report

Organization: *BCIB – BC Infrastructure Benefits*

PART 1. Legislative Reporting Requirements

[Information provided in this section will complete PSOs' legislative reporting requirements under the [Climate Change Accountability Act \(section 8.1\)](#) and the [Carbon Neutral Government \(CNG\) Regulation](#). Part 1 must be completed in full by all PSOs, including Small Emitters.]

Declaration statement: This PSO Climate Change Accountability Report for the period January 1, 2021 to December 31, 2021 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2021 to reduce our GHG emissions, and our plans to continue reducing emissions in 2022 and beyond.

Emission Reductions: Actions & Plans

[Please describe actions taken by your organization in 2021 to minimize emissions and plans to continue reducing emissions in future years. Refer to the guiding questions below, as applicable, for each emissions source category.]

A. Stationary Sources (e.g. buildings, power generation)

*[Please describe actions taken by your organization in 2021 to minimize emission reductions from **stationary sources** and plans to continue reducing those emissions in 2022 and beyond. Consider the following guiding questions:*

- 1) *Does your organization have a strategy to reduce emissions from stationary sources?*
 - a. No, BCIB does not have a strategy for reducing emissions from stationary sources.**
- 2) *Whether you have a strategy or not, briefly describe your organization's plans to continue reducing emissions from stationary sources?*
 - a. We have replaced all paper in the office to 100% recycled FSC certified copy paper.**
 - b. We have ensured that all printers in the office are set up for double sided printing and have changed the colour options on most printers as optional.**
 - c. Employees are encouraged to limit high volume printing and instead, it is customary to have employees send the link of the file internally to ensure**

employees have access to the file/s without having to print paper copies of the document during meetings or presentations.

3) **How are building retrofits (minor, major, deep)¹ considered in your organization's plans to reduce emissions?]**

a. We work with the building's property management team to ensure the following are don't on an ongoing basis to avoid having the building's run at a high capacity.

i. All lights in the floor are set to sensor and areas that are low traffic have the light turned off.

ii. Air conditioning filters are changed 3 times per year

iii. Air conditioning for the office is set 2 degrees higher to avoid having it run too often.

¹ [Retrofitting \(nrcan.gc.ca\)](http://nrcan.gc.ca)

B. Mobile Sources (e.g., fleet vehicles, off-road/portable equipment)

[Please describe actions taken by your organization in 2021 to support emission reductions from mobile sources. Consider the following guiding questions:

- 1) *Did your organization acquire any zero emission vehicles or equipment in 2021?*
 - a. **No**
- 2) *Did your organization develop and/or implement any strategies to reduce fuel consumption or transition to a low-carbon fuel in 2021?*
 - a. **No**
 - b. **BCIB has two vehicles, one is based out of the Interior (Golden Area) and the other is based out of our head office in the lower mainland. Both vehicles have low mileage.**
 - c. **We work with the ARI Fuel and Maintenance Program through the Province to ensure our vehicles are properly maintained and mileage and fuel consumption is tracked.**
- 3) *Please briefly describe any other related actions taken in 2021 (e.g., charging station feasibility studies, electrical panel upgrades, etc.)*

Please describe actions planned by your organization to support emission reductions from mobile sources over the next three years or more, including any strategies regarding air, marine or off-road transportation, mobile equipment, etc.

BCIB's mobile sites follow the same protocols as our head office. The same protocols are followed with regards to paper consumption and printing.

Clean Fleet Plan: *If your organization has a Clean Fleet Plan, please provide a high-level summary and indicate if you provided a copy of the plan to the Clean Government team in your 2021 CCAR Survey. A Clean Fleet Plan is an actionable, multi-year plan that outlines how organizations will transition their light duty vehicle fleets to clean options and align charging and refueling infrastructure deployment.]*

C. Paper Consumption

[Please describe actions taken by your organization in 2021 to support emission reductions from paper supplies and plans to continue reducing those emissions in future years. Consider the following guiding questions:

- 1) *Does your organization have an awareness campaign or strategy focused on:*
 - a. **Reducing paper use; and/or No**
 - b. **Increasing the percentage of recycled content in purchased paper? Due to COVID all through 2021 BCIB employees worked from home. Printing from home was highly discouraged and options were provided to make it easier for everyone to share files without having the need to print. For the few that were in the office, printing was kept to a minimum and regardless, paper consumption was changed to 100% recyclable paper.**
- 2) *Did your organization purchase alternative sources of paper (e.g., bamboo, hemp, wheat, etc.)?*
 - i. **100% FSC certified copy paper**

3) *How does your organization plan to continue reducing emissions from paper use?*
Overall, the volume of printing being done in the office is low, however, we can reduce printing by 5% further year over year.

2021 GHG Emissions and Offsets Summary Table:

[NOTE: this section separates BioCO₂ from total emissions. Please see [Appendix 1](#) for instructions on populating the table.]

[Organization Name] 2021 GHG Emissions and Offsets Summary	
GHG Emissions created in Calendar Year 2021	
[See Appendix 1 for instructions on how to access your 2021 emissions data from the Clean Government Reporting Tool (CGRT). Cells A through E below are identified in Figure 1 ; cell F is identified in Figure 2 .]	
Total Emissions (tCO ₂ e)	8tCO ₂ e
Total BioCO ₂	0tCO ₂ e
Total Offsets (tCO ₂ e)	28 Tco2e
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	28 Tco2e
Grand Total Offsets for the 2021 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2021 Reporting Year	28 Tco2e
Offset Investment (\$25 per tCO ₂ e) [Grand Total Offsets to be Retired x \$25/tCO ₂ e]	\$700

- i. [Note, BioCO₂ is included in Total Emissions but not Total Offsets. For K-12 and post-Secondary organizations, and BC Transit, Total Offsets will not equal Total Emissions minus Total BioCO₂ because offset exempt emissions for buses are included within Total Emissions.
- ii. Emissions and offset investment amounts will be validated by CAS prior to distributing invoices.
- iii. You must round "Grand Total Offsets to be Retired" to a whole number (no decimal places) before multiplying by \$25 (e.g., 43.2 = 43, 43.5 = 44).]

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, **BC Infrastructure Benefits Inc (the Organization)** is responsible for arranging for the retirement of the offsets obligation reported above for the 2021 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.

PART 2. Public Sector Leadership

[Information provided in this section will support continued planning for emissions reduction and climate change adaptation initiatives across the public sector, as well as inform high-level reporting in the annual provincial Climate Change Accountability Report. This section is optional for Small Emitters.]

2A. Climate Risk Management

[Please describe actions taken by your organization to manage risk related to the changing climate. For example, has your organization:

- 1) Conducted a climate risk assessment to understand your organization's risk exposure? **No***
- 2) Made any operational or infrastructure changes in preparation for future climate impacts? **No***
- 3) Made changes to operational procedures in response to impacts driven by climate change, such as heat wave, drought, wildfire or flood? **No***
- 4) Made changes to the way services are delivered to accommodate clients, partners, staff or stakeholders who are affected by a climate-related impact? **No***
- 5) Incurred extra expenses in the last year in the form of staff overtime, hired subcontractors, or acquired equipment to adapt to climate change? **No***
- 6) Taken any other measures your organization has taken adapt to the changing climate? **Limited the number of trips being done by the Operations team and others responsible for travelling to the project's sites along the HWY1 sites. Made sure for those that needed to travel by car, there was a plan for the trip and when appropriate, car pooling was arranged to limit the number of trips through the year.***

2B. Other Sustainability Initiatives

*[Please describe any other initiatives in your organization that support **sustainability** in general. For example, does your organization have any of the following:*

- 1) A low-carbon business travel policy or travel reduction goal? (low carbon = lowest emissions per kilometer traveled per passenger) **No***
- 2) An operations policy or program to facilitate the reduction and diversion of building occupant waste from landfills or incineration facilities? (e.g. composting, collection of plastics, battery recycling, etc.) **No***
- 3) Green procurement standards/policy for goods (e.g. office furniture, fleet, etc.)? **No***

2C. Success Stories

[Please describe any success stories that your organization would like to highlight. For example, from all the emission reduction projects your organization undertook in 2021, is there one action taken that resulted in, or is expected to result in, the greatest emissions reductions? Consider

including an estimate of the expected emission reductions from the project (in tonnes CO2e and/or percentage reduction), if available. You could also include other benefits (e.g. cost savings) or key lessons learned. Please also consider highlighting any success stories related to preparing for or adapting to a changing climate.

Executive Sign-off:

[All PSOs, including Small Emitters, must have their final report signed by a senior official, such as CEO, COO or Superintendent]



June 20th 2022

Signature

Date

Mario Piscitelli

VP Finance and CFO

Name (please print)





Title

[Please email your signed, completed report to Carbon.Neutral@gov.bc.ca by no later than May 31, 2022.]

APPENDIX 1

Below are instructions to populate your organization’s CCAR 2021 GHG Emissions and Offsets Summary table in the PSO CCAR template above.

- a. Access the Clean Government Reporting Tool (CGRT) at <https://gov-bc.mythinkstep.com/login>. **Note, you must be a registered Site Administrator or Data Collector for your organization to access CGRT.** Contact the Clean Government team at Carbon.Neutral@gov.bc.ca if you require assistance.
- b. Once successfully logged into the CGRT homepage, follow these steps to access the “CCAR – With Estimates” Report:

1		Click on the ‘Analytics’ menu tab and select ‘Intelligence Center’ from the drop-down menu.
2		Within the Intelligence Center search for, then click on , the report titled “CCAR – With Estimates”. Note: This report will have an orange Published tag applied.
3		Click the circle icon containing three horizontal dots to expand the selections.
4		Click the computer monitor icon to view the report. The report will open in a new window.
5		Click the icon containing two circular arrows at the very top left of the window to “refresh” the report. The report will generate a key analytic (see Figure 1 below). Note: If an analytic is large, it may take some time to complete; it will process in the background and appear in the job tray.
6		To export the report to Excel: <ul style="list-style-type: none"> • Click the download button at the top right of the report and save the report to excel at any time (e.g. you can save to Excel while the analytics are calculating). • Once a blue banner appears at top of window you may close the window and the report will appear in the job tray. Note: if you log out of CGRT before the report is complete it will be emailed to you directly.

- c. Locate the “2021 PYA Calculation” spreadsheet, available on the CGRT welcome page, under the Files section (on the right-hand side).
- d. Using the results of the “CCAR – With Estimates” report and the “2021 PYA Calculation” spreadsheet, populate your *2021 GHG Emissions and Offsets Summary* table by referring to the cells identified in Figures 1 and 2 below.
 - a. Cells A through E are identified through the “CCAR – With Estimates” report;
 - b. Cell F is identified through the “2021 PYA Calculation” spreadsheet; please follow the instructions within that spreadsheet to generate Cell F.
- e. Lastly, make sure to complete the Offset Investment (\$25 per tCO₂e) section by manually multiplying Grand Total Offsets (tCO₂e) by \$25. You **must** round “Grand Total Offsets to be Retired” to a whole number (i.e. no decimal places) **before** multiplying by \$25 (e.g., 43.2 = 43, 43.5 = 44).

FIGURE 1. eSource Summary – CCAR – With Estimates

	2021						Total
	Offset Exempt			Offset Required			
	t Bio CO2e, ...	t CO2e, GH...	Total	t Bio CO2e, ...	t CO2e, GH...	Total	
GHG Inventory Activity D...	6.92	183	190	32.7	314	346	A ⇒ 537
GHG Inventory Estimates				0	9.18	9.18	B ⇒ 9.18
Total	C ⇒ 6.92	183		D ⇒ 32.7	323		← E

FIGURE 2. 2021 PYA Calculations Spreadsheet (manual population of orange column in this spreadsheet required; see instructions within Excel file)

	2020 Offsets Retired	Current 2020 offset required GHGs (based on CGRT 2021 PYA analytic)	2021 PYA = Cell F
4 PSO			
5 BC Assessment Authority	282		F ⇒ -282
6 BC Council for International Education	5		-5
7 BC Family Maintenance Agency (BCFMA)	102		-102
8 BC Financial Services Authority (BCFSA)	72		-72
9 BC Games Society	1		-1