

## 2022 PSO Climate Change Accountability Report

**Organization:** BCEHS

**Declaration statement:** This Climate Change Accountability Report for the period January 1, 2022 to December 31, 2022 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2022 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2023 and beyond.

By June 30, 2023 BCEHS' final 2022 Climate Change Accountability Report will be posted to our website at [www.bcehs.ca](http://www.bcehs.ca)

### PHSA Environmental Sustainability Policy

PHSA will act as a leader with respect to environmental stewardship while engaging the healthcare community in a collaborative approach towards sustainability. This will occur through sustainable operations, sustainable facilities and sustainable partnerships.

### 2022 Actions taken to reduce GHG Emissions

#### Mobile Fleet

- BCEHS currently operates 10 ambulances equipped with after-market hybrid electric systems as well as 70 support hybrid vehicles
- The balance of the 109 new piece order for Crestline Coach Ambulances were all received but 5 in fiscal 2022/2023 and are equipped with ACETECH's ECO-run module for idle-management which effectively turns off the engine whenever possible.
- BCEHS has received 5 of the first 6 BEVs ordered (Ford Mach E) and its first battery electric ambulance.
- BCEHS has completed contract negotiations with an ambulance manufacturer that will be providing ambulances that operate on a chassis with a smaller and more fuel efficient gas engine.

## Facilities

- Completed infrastructure assessment and understanding the feasibility and impacts of installing Electric Vehicle charging stations at selected BCEHS facilities. The results of these feasibility studies will be used in planning the implementation of charging infrastructure at BCEHS sites.

## Paper Usage

- BCEHS continues to purchase recycled paper for office use
- Fleet Operations has reduced its reliance of photocopying by using electronic means to process the 15 000 + yearly invoices

## Plans to continue reducing emissions in 2022 and beyond

### Facilities:

Supporting the BCEHS's EV Pilot Project with facilities related planning and implementation efforts and conducting more EV feasibility assessments at BCEHS sites as/if needed.

Providing support and guidance to Facilities Maintenance and Operations and BCEHS staff who identify energy savings and emission reduction opportunities.

The Energy and Environmental Sustainability team will continue to promote energy conservation and GHG emissions reduction through raising awareness, education and partnerships that lead to behavior change and system change. This will be done through various initiatives including campaigns as well as developing and sharing relevant resources accessible on GreenCare website

Identifying opportunities for utilizing low-carbon resilience and environmental sustainability guidelines and other relevant reference documents<sup>1</sup> developed and/or gathered by the Energy and Environmental Sustainability team.

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<sup>1</sup> <https://bcgreencare.ca/resources/>

**Fleet:**

In 2023, BCEHS will continue engaging Canadian ambulance manufacturers on lower or no emissions ambulance platforms. Work will continue when BCEHS is able to review early mock-ups and prototypes from the ambulance manufacturer retained on contract.

As other hybrid and low-emission technology becomes available at a commercial level, BCEHS will continue to assess these options.

BCEHS continues to operate with the CNCP (Carbon Neutral Capital Funding) program and will justify its next Battery Electric Vehicles in the months that follow. BCEHS' continued involvement with CNCP allows consideration for the infrastructure required to operate BEVs as well as estimating operating cost and GHG reductions.

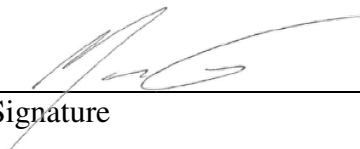
### Emissions and Offset Summary Table:

<b>BCEHS 2022 GHG Emissions and Offsets Summary</b>	
<b>GHG Emissions for the period January 1- December 31, 2022</b>	
Total BioCO <sub>2</sub>	<i>469</i>
Total Emissions (tCO <sub>2</sub> e)	<i>16,578</i>
Total Offsets (tCO <sub>2</sub> e)	<i>16,109</i>
<b>Adjustments to Offset Required GHG Emissions Reported in Prior Years</b>	
Total Offsets Adjustment (tCO <sub>2</sub> e)	<i>0</i>
<b>Grand Total Offsets for the 2022 Reporting Year</b>	
Grand Total Offsets (tCO <sub>2</sub> e) to be Retired for 2022 Reporting Year	<i>16,109</i>
Offset Investment (\$25 per tCO <sub>2</sub> e)	<i>\$402,725</i>

## Retirement of Offsets:

In accordance with the requirements of the Climate Change Accountability Act and Carbon Neutral Government Regulation, BCEHS (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 ton of offsets retired on its behalf plus GST.

**Executive sign-off:**

	May 22, 2023
Signature	Date
Manraj Chohan	Executive Director, Logistics & Transportation, BCEHS
Name (please print)	Title

Please scan and email the completed form to [Carbon.Neutral@gov.bc.ca](mailto:Carbon.Neutral@gov.bc.ca)