



COLLEGE OF
THE ROCKIES

PSO CLIMATE CHANGE ACCOUNTABILITY REPORT

2022

cotr.ca

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PART 1. Legislative Reporting Requirements

This PSO Climate Change Accountability Report for the period January 1, 2022 to December 31, 2022 summarizes our 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, College of the Rockies' (The College) final 2022 Climate Change Accountability Report will be posted to our website at www.cotr.bc.ca.

Emission Reductions: Actions & Plans

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

College-Wide

- Continue to change out inefficient fluorescent light fixtures to new LEDs.
- Continue to upgrade to energy efficient equipment as funding allows.
- Change out aging MAUs to newer models with variable frequency drives as funding allows.

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

College-Wide

- Automotive Services Program purchased a 2016 Kia Soul EV to be used in training ZEV Maintenance Technicians.
- Continue to change out inefficient vehicles to newer, more fuel-efficient models when applicable.
- Install electric vehicle and e-bike charging stations on campuses as funding allows.
- Bicycle racks are available at all campuses. Biking or walking to and from work is encouraged.

C. Paper Consumption

College-Wide

- The Communications and Marketing Department dramatically reduced the paper printing for our Viewbook by moving from a 40-page 8.5"x11" book to a 6"x8" folder with seven inserts sized 5.5"x7.5". The inserts were designed to be printed as needed to reduce waste.

Other

Cranbrook Campus

- Zero-Emission Vehicle (ZEV) technician training is coming to College of the Rockies in 2023. It is intended to be an add-on certification for Red Seal Automotive Service Technicians.
- Composting has expanded campus-wide at the Cranbrook Campus.
- A Living Lab applied research project was launched September 2022 to reduce the campus's carbon footprint using a circular economy approach. Bins were purchased and distributed. Campus-wide composting started November 2022. Organic waste was collected, composted, and re-used on campus to grow leafy greens, using a panel on the existing living wall. The greens were used in the college cafeteria and food program from December 2022 to April 2023.

2022 GHG Emissions and Offsets Summary Table

College of the Rockies 2022 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2022	
Total BioCO ₂	1.12
Total Emissions (tCO ₂ e)	1077
Total Offsets (tCO ₂ e)	1065
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2022 Reporting Year	
Grand Total Offsets to be Retired for 2022 Reporting Year (tCO ₂ e)	1065
Offset Investment (\$)	$(1065) \times \$25 = \$26,625.00$

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, College of the Rockies (**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.

PART 2. Public Sector Climate Leadership

2A. Climate Risk Management

N/A

2B. Other Sustainability Initiatives

N/A

2C. Success Stories

N/A

Executive Sign-off:

<i>Allan Knibbs</i>	May 26th, 2023
Signature	Date
Allan Knibbs	Director, Facilities
Name (please print)	Title