

PSO CCAR 2021 Reporting Year

Title: 2021 PSO Climate Change Accountability Report

Organization: Conseil Scolaire Francophone de la Colombie-Britannique / School District 93

PART 1. Legislative Reporting Requirements

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.

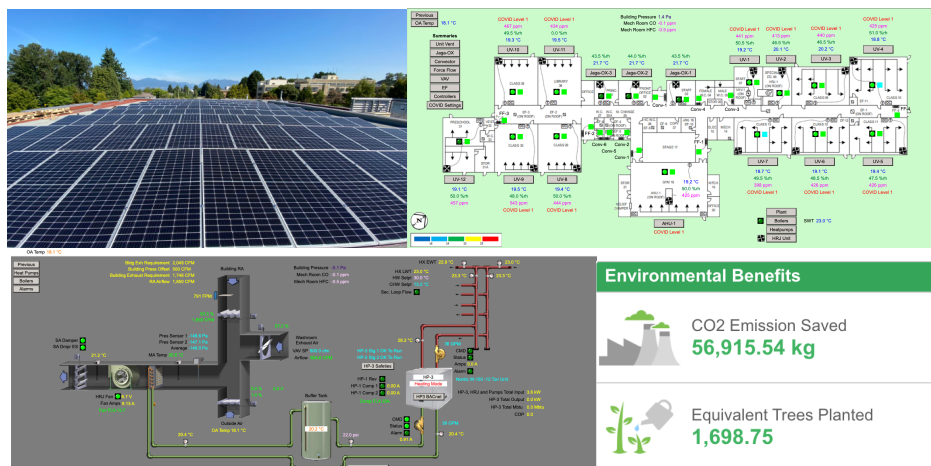
Emission Reductions: Actions & Plans

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

In 2021, the CSF replaced the HVAC system at École des Deux Rives in Mission, with a high efficiency system, including heat recovery, heat pumps and new DDC controls.

The photovoltaic power plant installed in 2020 at École Jules Verne has been doubled in size in 2021, to produce more solar power.

The lighting has been upgraded to new LED technology at several locations: École des Deux-Rives in Mission, École Jules Verne in Vancouver, École La Vérendrye in Chilliwack, École Anne Hébert Gymnasium, École Entre Lacs Gymnasium.



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

The CSF only runs 3 hybrid Rav4 vehicles, one diesel Ford Transit and one hybrid Prius. In 2021, emission reductions from mobile sources were made possible due to the pandemic since there was less travel to schools.

- 1) *Did your organization acquire any zero emission vehicles or equipment in 2021?* **no**
- 2) *Did your organization develop and/or implement any strategies to reduce fuel consumption or transition to a low-carbon fuel in 2021?* **not applicable**
- 3) *Please briefly describe any other related actions taken in 2021 (e.g. charging station feasibility studies, electrical panel upgrades, etc.)* **not applicable**

The CSF is not planning on leasing anymore vehicles at the moment.

Clean Fleet Plan: not applicable

C. Paper Consumption

In 2021, to support emission reductions from paper supplies, the CSF continues to encourage a paperless office and classroom practice and plans to continue reducing those emissions in future years.

- 1) *Does your organization have an awareness campaign or strategy focused on:*
 - a. *Reducing paper use; and/or* **yes and continues to encourage a paperless culture by using more computer technology in the office and the classroom**
 - b. *Increasing the percentage of recycled content in purchased paper?* **yes**
- 2) *Did your organization purchase alternative sources of paper (e.g. bamboo, hemp, wheat, etc.)?*
no
- 3) *How does your organization plan to continue reducing emissions from paper use?]* **by encouraging a paperless culture by using more computer technology in the office and the classroom**

2021 GHG Emissions and Offsets Summary Table:

CSF SD93 2021 GHG Emissions and Offsets Summary	
GHG Emissions created in Calendar Year 2021	
Total Emissions (tCO ₂ e)	$1037 + 0 = 1037$
Total BioCO ₂	$0 + 0.22684 = 0.22684$
Total Offsets (tCO ₂ e)	1037
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2021 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2021 Reporting Year	$1037 + 0 = 1037$
Offset Investment (\$25 per tCO ₂ e)	$1037 \times \$25 = \mathbf{\$25,925}$

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, *The CSF, Conseil Scolaire Francophone de la Colombie-Britannique – S.D.93*, **(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

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? **In discussion***
- 2) Made any operational or infrastructure changes in preparation for future climate impacts? **In discussion***
- 3) Made changes to operational procedures in response to impacts driven by climate change, such as heat wave, drought, wildfire or flood? **The CSF is in contact with the Ministry of Transportation and Infrastructure and Ministry of Health to navigate and be guided through such natural disasters***
- 4) Made changes to the way services are delivered to accommodate clients, partners, staff or stakeholders who are affected by a climate-related impact **not applicable***
- 5) Incurred extra expenses in the last year in the form of staff overtime, hired subcontractors, or acquired equipment to adapt to climate change? **not applicable***
- 6) Taken any other measures your organization has taken adapt to the changing climate? **not applicable***

2B. Other Sustainability Initiatives

In 2022, the CSF is determined to invest even more in the reduction of the carbon footprint, with more ambitious projects.

LED lighting upgrade in several schools:

- École Mer et Montagne in Campbell River;
- École Collines d'Or in Kamloops;
- École des Sept-Sommets in Rossland;
- École André-Piolat in North Vancouver;
- École Gabrielle-Roy – Gymnasium, in Surrey;

Two photovoltaic power plants:

- École des Pionniers in Port Coquitlam;
- École André-Piolat in North Vancouver

Direct digital control (DDC) upgrades:

- École Mer et Montagne in Campbell River;
- École Entre-Lacs in Penticton;
- École Jules Verne in Vancouver;

Windows replacement:

- École Anne-Hébert – North side, in Vancouver;
- École Océane in Nanaimo;

HVAC replacement with another high efficiency system:

- École des Sept-Sommets in Rossland;

New high efficiency boilers :

- École André-Piolat in North Vancouver;

Installation of fast charging electric vehicles stations at:

- École Jules Verne in Vancouver

Executive Sign-off:

Simon Couture

Simon Couture (May 30, 2022 18:50 PDT)

May 30, 2022

Signature

Date

Simon Couture

Secretary-Treasurer

Name (please print)

Title

