



School District 93

2016 Carbon Neutral Action Report

Organization name: Conseil Scolaire Francophone de la Colombie-Britannique

Declaration statement

This Carbon Neutral Action Report for the period January 1st, 2016 to December 31st, 2016 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2016 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2017 and beyond.

By June 30, 2017, CSF's final Carbon Neutral Action Report will be posted to our website at www.csf.bc.ca.

Overview

As part of its overall long-term Strategic Plan, the Conseil scolaire francophone recognizes the importance that all environmental learning aims to integrate environmental thinking and ideas into students' everyday lives. In this way, it is hoped that students will begin to realize how they can take personal responsibility and leadership in creating a more environmentally sustainable way of life. We



must also turn to ourselves, as an educational institution and as individuals, to make changes and develop a new ethic – a responsible attitude toward caring for the Earth. Working to integrate environmental learning within all subject areas promotes this change in attitude by providing students with opportunities to experience and investigate the relationships linking individuals, societies, and natural surroundings. Schools continue to expand environmental learning into the curriculum. Recycling, composting and waste reduction programs continue to expand in the schools with increased student and teacher participation.

Through its Capital Program, the CSF practices environmental sustainability by requiring LEED certification that is demonstrated by the design for the construction of the new École des Pionniers, which started in December 2016, was done pursuing the Leed Gold certification. Although the CSF has difficulties in meeting Energy Retrofit minimum funding criteria, it continues to focus on energy efficient renovations as part of its Annual Facilities Grant Program, Seismic Upgrade Program, CNCP Program. Removal of single pane glazing for the windows, installation of energy efficient lighting systems, installation of modern and energy efficient HVAC systems in our



schools, re-commissioning, re-balancing and installing modern controls for the HVAC systems, are examples of existing short and long-term retrofit programs that form part of the CSF AFG Plan. In 2016 our School District installed new energy efficient windows and retrofitted part of the Mechanical Systems at École Côte du Soleil in Powell River, installed new windows for École des Sept sommets in

Rossland, completed the roof replacement at École Franco Nord in Prince George, replaced the boilers at École Océane in Nanaimo and finalized the upgrade of the Mechanical systems at École Rose des vents in Vancouver, by replacing one boiler and installing new DDC controls around the school.

Emissions and offset summary table

CSF's GHG Emissions and Offset for 2016 (TCO ₂ E)	
GHG Emissions created in Calendar Year 2015 2,060	
Total Emissions (tCO ₂ e)	2,060
Total Offsets (tCO ₂ e)	2,060
Adjustments to GHG Emissions Reported in Prior Years : 0	
Total Emissions (tCO ₂ e)	0
Total Offsets (tCO ₂ e)	0
Grand Total Offsets for the 2015 Reporting Year : 2,060	
Grand Total Offsets (tCO ₂ e)	2,060

Retirement of Offsets

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, Conseil Scolaire Francophone de la C.B. is responsible for arranging for the retirement of the offsets obligation reported above for the 2016 calendar year, together with any adjustments reported for past calendar years. The Organization hereby agrees that, in exchange for the Ministry of Environment ensuring that these offsets are retired on the Organization's behalf, the Organization will pay 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.

Executive sign-off



May 30, 2017

Signature

Date

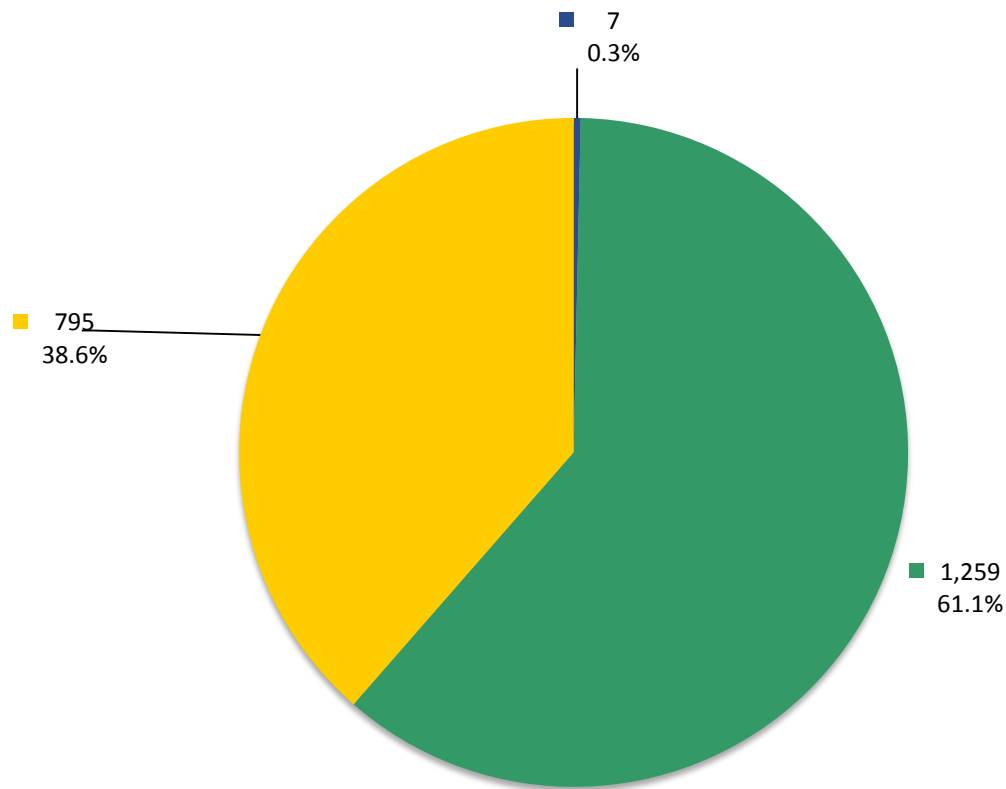
Sylvain Allison

Secretary Treasurer

Name

Title

School District 93 - Conseil Francophone Greenhouse Gas Emissions by Source for the 2016 Calendar Year (tCO₂e*)



Total Emissions: 2,060

- 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 2016 (Generated May 15, 2017 3:34 PM)

Total offsets required: **2,060**. Total offset investment: **\$51,500**. Emissions which do not require offsets: **0** **

*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.

2016 Carbon Neutral Action Report Survey

Part One (external)

Contact Name(s):

Claudiu Chifan

Organization Name:

SD93

Please select your sector:

- School District

1) Stationary Sources (Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

During 2016, did your organization take any of the following actions to support emissions reductions from buildings?

Select all that apply

- Conducted an energy audit/study of building(s) in the organization's portfolio
- Performed energy retrofits of the organization's buildings.: 3
- Built, or are building new LEED Gold or other "Green" buildings.: 1

Briefly describe your organization's plans to continue reducing emissions from its stationary sources in future years.

Our SD93 will continue to implement DDC controls in all of our schools, to optimize natural gas consumption. We'll continue to install new PV arrays on buildings. We'll do Mechanical and lightings upgrades, etc.

During 2016, did your organization participate in utility-sponsored energy demand management program(s) (e.g. BC Hydro's Energy Management (Manager))?

No

If yes, please describe briefly:

(No response)

2) Mobile Sources (Vehicles, Off-road/Portable Equipment): Fuel Combustion.

During 2016, did your organization take any of the following actions to support emission reductions from its mobile sources?

Select all that apply

-
- Took steps to drive less than previous years.
-

Briefly describe your organization's plans to continue reducing emissions from its mobile sources in future years.

(No response)

3) Supplies (Paper):

During 2016, did your organization take any of the following actions to support emissions reductions from paper supplies?

Select all that apply

(No response)

Briefly describe your organization's plans to continue reducing emissions associated with its office paper use in future years.

(No response)

4) Other Sustainability Actions:

Business Travel:

During 2016, did your organization take any of the following actions to support emissions reductions from business travel?

Select all that apply

-
- Encouraged alternative travel for business (e.g. bicycles, public transit, walking)
-
- Encouraged or allowed teleworking or working from home

Education Awareness:

During 2016, did your organization have any of the following programs or initiatives to support sustainability education and awareness?

Select all that apply

-
- Support for professional development on sustainability (e.g. workshops, conferences, training)
-

Other Sustainability Actions:

During 2016, did your organization have any of the following programs or initiatives to support sustainability?

Select all that apply

-
- An operations policy or program to facilitate the reduction and diversion of building occupant waste (e.g., composting, collection of plastics, batteries) from landfills or incineration facilities
-
- Lifecycle costing of new construction or renovations