



School District 93 2015 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, 2015 to December 31st, 2015 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2015 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2016 and beyond.

By June 30, 2016, 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 LEED Silver designation granted to École Victor-Brodeur in Victoria and École Jules-Verne in Vancouver; and LEED Gold Certification granted to École Mer-et-montagne in Campbell River and École Au-cœur-de-l'île in the Comox Valley. Also, the design for the construction of the new École des Pionniers, which will start in March 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. 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. Discussions with representatives from Terasen Gas, BC Hydro, VFA and other companies are resulting in further investigation into programs that will assist CSF in its quest for carbon neutrality. All these projects will reduce our carbon footprint.

Emissions and offset summary table

CSF's GHG Emissions and Offset for 2015 (TCO ₂ E)	
GHG Emissions created in Calendar Year 2015	
2,537	
Total Emissions (tCO ₂ e)	2,537
Total Offsets (tCO ₂ e)	2,537
Adjustments to GHG Emissions Reported in Prior Years :	
55	
Total Emissions (tCO ₂ e)	55
Total Offsets (tCO ₂ e)	55
Grand Total Offsets for the 2015 Reporting Year :	
2,592	
Grand Total Offsets (tCO ₂ e)	2,592

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 2015 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 25, 2016

Signature

Date

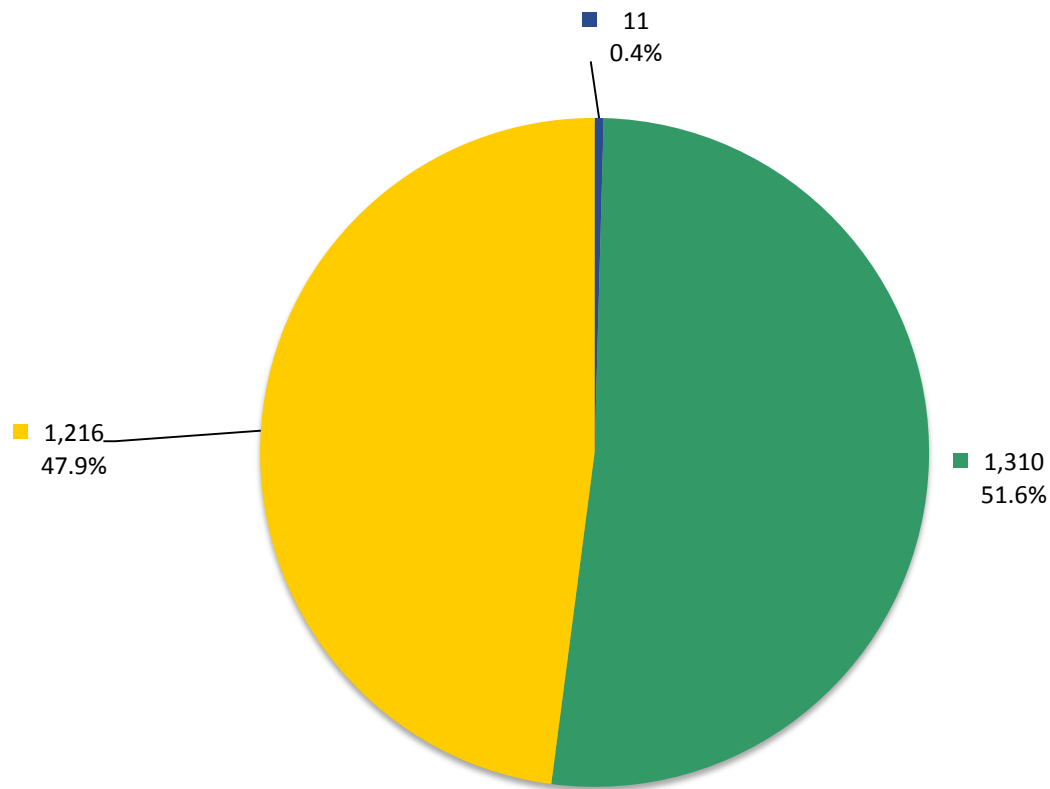
Sylvain Allison

Secretary Treasurer

Name

Title

School District 93 - Conseil Francophone Greenhouse Gas Emissions by Source for the 2015 Calendar Year (tCO₂e*)



Total Emissions: 2,537

- 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 2015 (Generated May 25, 2016 10:32 AM)

Total offsets required: **2,537**. Total offset investment: **\$63,425**. 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.

2015 Carbon Neutral Action Report Survey

Organization Name:

CONSEIL SCOLAIRE FRANCOPHONE DE LA COLOMBIE BRITANNIQUE

Please select your sector:

- School District

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

Please indicate which actions your PSO took in 2015:

Have developed an overall strategy/plan to reduce energy use in your organization's buildings inventory:

Yes

If Yes, please describe:

Our SD invests a lot of effort in reducing energy consumption by balancing all the HVAC systems, by controlling them remotely and using DDC systems, by creating schedules that will save energy when the buildings are not in use.

Our fleet has only hybrid vehicles.

All the lighting systems in all new portable classrooms are LED.

We install timers on all outside lighting and also washroom lighting and exhaust fans, where possible.

Undertook evaluations of building energy use:

Yes

Performed energy retrofits on existing buildings:

Yes

Built or are building new LEED Gold or other "Green" buildings:

Yes

Please list any other actions, programs or initiatives that your organization has introduced that support emissions reductions from buildings:

(No response)

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

Indicate which actions your PSO took in 2015:

Have put in place an operations policy/program to support systematic reductions in fleet related emissions:

(e.g., program to convert fleet to renewable fuels)

Yes

If Yes, please describe:

All our vehicles are hybrid.

Replaced existing vehicles with more fuel efficient vehicles (gas/diesel):

No

Replaced existing vehicles with hybrid or electric vehicles:

No

Took steps to drive less than previous years:

Yes

Please list any other actions, programs or initiatives that your organization has introduced that support emissions reductions from fleet combustion:

We're using web based chat software to reduce travel between the Board Office and schools, when possible.

3) Supplies (Paper):

Indicate which actions your PSO took in 2015:

Have put in place an operations policy/program to facilitate a systematic reduction in paper-related emissions:

(e.g., policy to purchase 100% Recycled Content; default to double-sided printing)

No

If yes, please describe:

(No response)

Have put in place an operations policy/program to facilitate behavioural changes from paper use:

(e.g. awareness campaign to reduce paper use):

Yes

If yes, please describe:

We are encouraging staff to use less paper and also, to use both sides of it. We're encouraging electronic archiving instead of printed paper.

Used only 100% recycled paper:

No

Used some recycled paper:

Yes

Used alternate source paper:

(e.g., bamboo, hemp, wheat etc.)

No

Please list any other actions, programs or initiatives that your organization has introduced that support emissions reductions from paper supplies:

(No response)

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4) Other Sustainability Actions:

Please note that this section is optional

Business Travel

Created a low-carbon travel policy or travel reduction goal:

(low-carbon = lowest emission of greenhouse gas per kilometer per passenger)

No

Encouraged alternative travel for business:

(e.g. bicycles, public transit, walking)

Yes

Encouraged or allow telework/working from home:

No

Other:

(No response)

Education Awareness

Have a Green/Sustainability/Climate Action Team:

No

Supported green professional development:

(e.g. workshops, conferences, training)

No

Supported or provided education to staff about the science of climate change, conservation of water, energy and/or raw materials:

No

Other:

(No response)

Adaptation Planning for Climate Risks

Have assessed whether increased frequency of extreme weather events and/or long term changes in climate will affect your organization's infrastructure, its employees and/or its clients:

No

Have incorporated these anticipated changes in climate into your organization's planning and decision making:

No

Other:

(No response)

Other Sustainability Actions

Established a water conservation strategy which includes a plan or policy for replacing water fixtures with efficient models:

No

Have put in place an operations policy/program to facilitate the reduction and diversion of building occupant waste stream from landfills or incineration facilities:

(e.g., composting, collection of plastics, batteries)

No

Established green standards for goods that are replaced infrequently and/or may require capital funds to purchase:

(e.g., office furniture, carpeting, etc.)

No

Incorporated lifecycle costing into new construction or renovations:

No

Please list any other sustainability actions your organization has taken not listed above:

(No response)