

**Title:** "2016 Carbon Neutral Action Report"

**Organization name:** School District 72 (Campbell River)

**Declaration statement:** This Carbon Neutral Action Report for the period January 1<sup>st</sup>, 2016 to December 31<sup>st</sup>, 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, the School District 72 final *Carbon Neutral Action Report* will be posted to our website at [www.sd72.bc.ca](http://www.sd72.bc.ca).

**Overview:**

A fundamental priority for School District 72 is the provision of safe, well-maintained, quality learning environments for all students. As such, we share a collective responsibility to envision the future while addressing emerging enterprise risk management issues. Within our organization, climate change is transitioning from an abstract discussion to a risk management issue affecting daily operations.

Local emergency response plans must be increasingly robust to address scenarios that would have seemed unlikely a few years ago, but also flexible and tailored to individual school sites and capabilities. In 2016, School District 72 initiated a complete review of our emergency preparedness system that is consistent with the BC Safe School Strategy. By leveraging this program, our organization will be better equipped to manage the impacts of extreme weather effects and climate change trends (e.g. loss of habitat resulting in increased frequency of wild animal encounters). Additionally, School District 72 updated Operational Procedures related to road and ferry closures (which could result for extreme weather events) and Environmental Responsibility. For 2017, School District 72 intends continue adoption of emergency preparedness system. Additionally, we will adopt a phone recycling program which will result in charitable organizations receiving retired cell phones that otherwise would have been sent for electronic recycling.

Supporting initiatives and planning activities, of course, involves budget considerations. In 2016, School District 72 completed a review of office equipment that resulted in a reduction in the number of multifunction printers, conversion of the remaining multifunction printers to Energy Star compliant models, and expansion of the desktop scanner program (resulting in less demand for office paper). As articulated in our Strategic Energy Management Plan

(<http://www.sd72.bc.ca/aboutsd72/environment/Documents/SD72%20Strategic%20Energy%20Management%20Plan%202017.pdf>), this cost saving initiative contributed to a further 3.8% reduction in our carbon footprint relative to 2007 levels. Since 2007, School District 72 has achieved a cumulative reduction of 36.3% in non-exempt CO<sub>2</sub> emissions.

For 2017, School District 72 intends to maintain momentum by completing several mechanical system upgrades in schools. Supported by pre-approved rebates from FortisBC, funding from the Ministry of Education's capital programs, and the School District 72 Annual Facilities Grant, three major mechanical projects will be completed. A life-cycle replacement program to replace aging unit heaters will continue in a fourth school. Finally, several roofing and seismic projects are expected to improve the quality and comfort of classroom spaces in three other facilities.


**Emissions and Offset Summary Table:**

<b>School District 72 (Campbell River) GHG Emissions and Offset for 2016 (tCO<sub>2</sub>e)</b>	
<b>GHG Emissions created in Calendar Year 2016</b>	
Total Emissions (tCO <sub>2</sub> e)	2,174
Total Offsets (tCO <sub>2</sub> e)	1,817
<b>Adjustments to GHG Emissions Reported in Prior Years</b>	
Total Emissions (tCO <sub>2</sub> e)	31
Total Offsets (tCO <sub>2</sub> e)	31
<b>Grand Total Offsets for the 2016 Reporting Year</b>	
Grand Total Offsets (tCO <sub>2</sub> e)	1,848

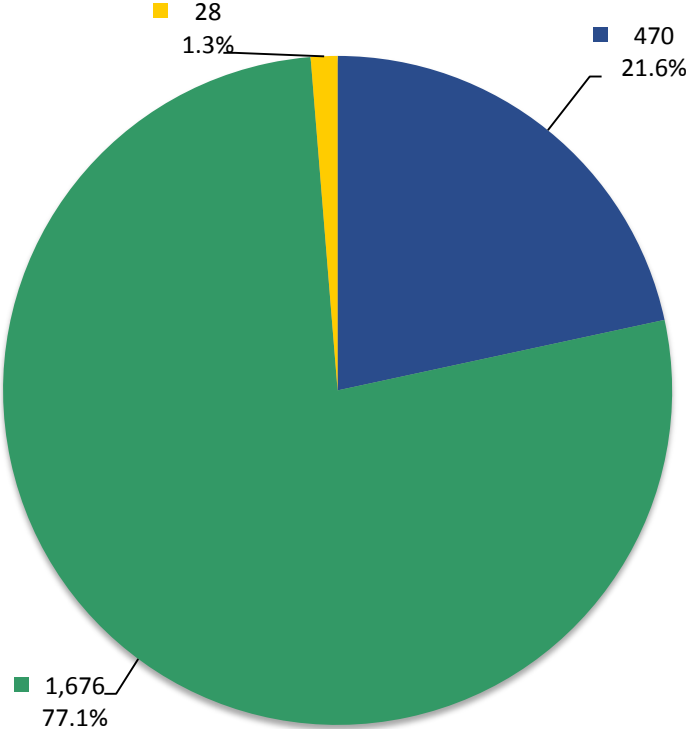
**Retirement of Offsets:**

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District 72 (**the Organization**) 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 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.

**Executive sign-off:**

	May 23/17
Signature	Date
Thomas Longridge	Superintendent
Name (please print)	Title

**School District 72 - Campbell River  
Greenhouse Gas Emissions by Source  
for the 2016 Calendar Year (tCO<sub>2</sub>e\*)**



**Total Emissions: 2,174**

- 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 3:47 PM)**

Total offsets required: **1,817**. Total offset investment: **\$45,425**. Emissions which do not require offsets: **357** \*\*

\*Tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) 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

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Part One (external)

Contact Name(s):

*Steve Woods*

Organization Name:

*School District 72 (Campbell River)*

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.: 1
- Other actions? Please describe briefly.: Submitted Capital Project proposals for energy efficiency upgrades

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

*Incorporate energy efficiency technologies to life cycle replacement programs for building mechanical and electrical systems.*

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

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- 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.

*Ongoing reviews to ensure optimal bus routes are established*

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

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- Awareness campaign focused on reducing office paper use.
- Other actions? Please describe briefly.: Updated school district environmental responsibility Operational Procedure

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

*Completed review of organizations printers and retendered service contract. Resulting in overall reduction in number of multifunction printers and confirming duplex printer settings are being used.*

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)
  - Other, please describe briefly: Promote walking and cycling as part of health and wellness program

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

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

Other Sustainability Actions:

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

Select all that apply

- 
- A water conservation strategy which may include a plan or policy for replacing water fixtures with efficient models
  - 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
  - Green procurement standards for goods (e.g., office furniture, etc.)
  - Lifecycle costing of new construction or renovations