



School District 70 (Alberni)

Title: 2016 Carbon Neutral Action Report

Organization name: School District 70

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.

Overview: After 5 consecutive of continual reductions in emissions, SD 70 experienced a slight (3.5%) increase in 2016 over 2015. Year over year School District 70 (Alberni) has continued to make strides in reducing greenhouse gas emissions. From the Carbon Neutral Program's inception in 2011, School District 70 (Alberni) has reduced its Total Emissions by almost 50% (from 1832.95 tonnes in 2011 to 955 tonnes in 2015). The slight lift experienced in 2016 is due to an unusually cold heating season, particularly in the last 2 months of the year. While facilities closures and reductions in student transportations have driven the bulk of this improvement, School District 70 (Alberni) continues to find ways to further improve performance.

We continue to embrace energy conservation measures and constantly maintain environmental consciousness as buildings are renovated, retrofitted and decommissioned as well as continuing to complete as many upgrades to lighting, mechanical and control systems as we can, within our budget constraints. We continue to pursue projects designed to reduce emissions through the Carbon Neutral Capital Program and continuously review our practices with an eye to reducing emissions at every opportunity.

We are committed to improving learning for all students. This includes raising awareness around environmental issues and educating staff and students to be good "Global Citizens". District wide students and staff have engaged in many initiatives:

- reducing waste output
- car-pooling programs
- actively recycling
- composting
- purchasing green products
- undertaking energy challenges
- turning off / unplugging unneeded equipment and lights
- promoting sustainability through Project Based Learning

As always, environmental effects and benefits continue to be considered in all of our decisions and practices.

Emissions and Offset Summary Table:

<i>[Organization X]</i> GHG Emissions and Offset for 2016 (tCO ₂ e)	
GHG Emissions created in Calendar Year 2016:	
Total Emissions (tCO ₂ e)	988
Total Offsets (tCO ₂ e)	876
Adjustments to GHG Emissions Reported in Prior Years:	
Total Emissions (tCO ₂ e)	-
Total Offsets (tCO ₂ e)	-
Grand Total Offsets for the 2016 Reporting Year	
Grand Total Offsets (tCO ₂ e)	876

Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District 70 (**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 31, 2016

Signature

Date

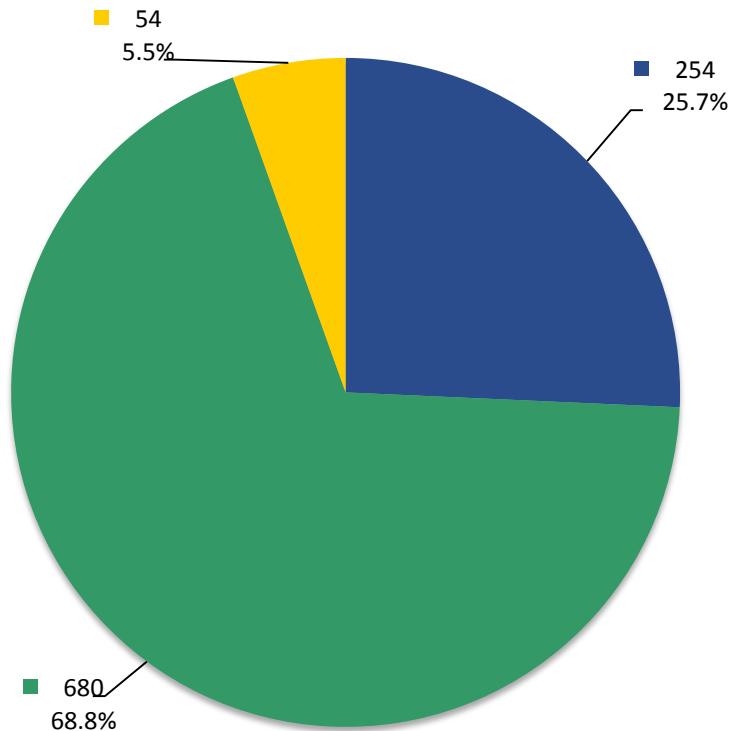
Greg Smyth

Superintendent of Schools

Name (please print)

Title

**School District 70 - Alberni
Greenhouse Gas Emissions by Source
for the 2016 Calendar Year (tCO₂e*)**



Total Emissions: 988

- 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 3:48 PM)

Total offsets required: **876**. Total offset investment: **\$21,900**. Emissions which do not require offsets: **113** **

*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

Page 2

Part One (external)

Contact Name(s):

Greg Roe

Organization Name:

School District 70 (Alberni)

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

(No response)

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

We are currently reviewing a variety of energy monitoring systems for our facilities. Additionally we are conducting an energy survey of our new (September 2012) LEED high school with BC Hydro.

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.
- Other actions? Please describe briefly.: Car pools and no-idling policy

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

Continue to promote current low emissions practices. Consider emissions when purchasing new fleet vehicles if budget permits.

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

-
- Awareness campaign focused on reducing office paper use.
 - Other actions? Please describe briefly.: Paperless Meetings - Create Scratch Pads from Paper in recycle Bins

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

Move toward purchasing paper with recycled content via policy implementation

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 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

- 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.)