



School District 70 (Alberni)

Title: 2017 Carbon Neutral Action Report

Organization name: School District 70 (Alberni)

Declaration statement: This Carbon Neutral Action Report for the period January 1st, 2017 to December 31st, 2017 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2017 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2018 and beyond.

Overview: SD 70 experienced an increase in GHG's in 2017 over 2016. The lift experienced in 2017 is due to an unusually cold heating season, particularly in the first 2 months and last 2 months of the year. Year over year School District 70 (Alberni) has made 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). In 2017 our Total Emissions were 1,111 tonnes. 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)	1111
Total Offsets (tCO ₂ e)	124
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)	987

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, 2017

Signature

Date

Greg Smyth

Superintendent of Schools

Name (please print)

Title

Part 1: CNAR Survey

1. General Information

Name: Greg Roe

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Organization Name: School District 70 (Alberni)

Sector: School District

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

During 2017, did your organization take any of the following actions to support emissions reductions from buildings? (please select all that apply)

Performed energy retrofits of the organization's building(s)

If you selected "*Performed energy retrofits of the organization's building(s)*":

How many buildings were retrofitted?: 2

If you selected "*Built, or are building new LEED Gold or other "Green" buildings*":

How many new "Green" buildings?:

Did your Organization perform any retrofits during 2017? Please describe briefly:

2 HVAC upgrades including new, more efficient propane and natural gas boilers at Ucluelet Elementary and John Howitt Elementary.

2a. Stationary Sources (eg. Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

Please briefly describe your organization's plans to continue reducing emissions from its stationary sources:

a) Over the next 1-5 years

2 additional HVAC upgrades approved and in motion. 1 in 2018 and 1 in 2019.

b) Over the following 6-10 years

HVAC upgrades including new boiler plants for 4 schools.

3. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

During 2017, did your organization take any of the following actions to support emission reductions from its mobile sources? (please select all that apply)

Took steps to drive less than previous years

If you selected "*Replaced existing vehicles with more fuel efficient vehicles (gas/diesel)*":

How many vehicles?:

If you selected "*Replaced existing vehicles with hybrid or electric vehicles*":

How many vehicles?:

3a. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

Please briefly describe your organization's plans to continue reducing emissions from its mobile sources:

a) Over the next 1-5 years

Purchase more efficient white fleet vehicles (3 vehicles needed in the next 5 years)

Continue to promote our carpool as well as bike/walk to work programs

Continue to promote webinars over travel when reasonable

b) Over the following 6-10 years

4. Supplies (Paper): Indicate which actions your PSO took in 2017:

During 2017, did your organization take any of the following actions to support emissions reductions from paper supplies? (please select all the apply)

Had an awareness campaign focused on reducing office paper use

If you selected "*Had a policy requiring the purchase of recycled content paper*":

State the required recycled content here (30%, 50%, 100%):

If you selected "*Had a policy requiring the purchase of alternate source paper (bamboo, hemp, wheat, etc)*", which type of alternate source paper did you use?

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

Continue to promote paperless meetings

Continue to promote re-use of paper (scratch pads, etc.)

5. Other Sustainability Actions

a) Business Travel

During 2017, did your organization take any of the following actions to support emissions reductions from business travel? (please select all that apply)

None of the above

b) Education/Awareness

During 2017, did your organization have any of the following programs or initiatives to support sustainability education and awareness? (please select all that apply)

A Green, Sustainability or Climate Action Team

c) Other Sustainability Actions

During 2017, did your organization have any of the following programs or initiatives to support sustainability? (please 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