



ORGANIZATION NAME: Columbia Basin Trust CONTACT NAME/EMAIL: Mark Brunton/mbrunton@cbt.org

	TOTAL EMISSIONS	TOTAL OFFSETS
GHG EMISSIONS CREATED IN 2016	21 tCO ₂ e	21 tCO ₂ e
ADJUSTMENTS TO GHG EMISSIONS OF PRIOR YEARS	3 tCO ₂ e	3 tCO ₂ e
GRAND TOTAL OFFSETS FOR 2016	-	24 tCO ₂ e

TOTAL FTE EMPLOYEES: 47 TOTAL FLOOR SPACE: 1,877 m² USE OF SPACE: office VEHICLES: none

Top actions we took in 2016 to reduce greenhouse gas emissions and/or improve sustainability

A range of projects that helped communities in the Columbia Basin reduce greenhouse emissions were supported by the Trust and include the following:

- The "Kootenay RideShare Expansion and Upgrade" project which help make ride-sharing / carpooling more accessible for Columbia Basin residents (targeting annual emissions reductions of 190 tonnes CO₂ equivalents)
- The "Engaging Communities in Organic Waste Diversion" project that supports East Kootenay residents to divert organic waste from away from landfills (reduced an estimated 13 tonnes CO₂ equivalent)
- The "East Kootenay Energy Diet" is a homeowner energy conservation program that focused on reducing emissions
- The "Building a Low-carbon Future" is an environmental education program that informs students, construction professionals and the general public about climate change and ways to reduce emissions
- Numerous wildfire prevention projects that carried out fuel treatments across approximately 135 hectares of forests, resulting in reduced carbon release potential during forest fires
- Upgrading community halls to become energy efficient
- Supporting communities in the West Kootenay to develop Strategic Energy and Emissions Plans.

We reduced our corporate operations' GHG emissions by:

- continuing to make videoconferencing technology available to our Staff and the Board of Directors, as well as other Columbia Basin organizations, to assist in reducing travel
- implementing Skype for Business to assist in reducing travel
- supporting staff to walk, run, bike or carpool to work
- allowing staff to work a compressed work week in the summer to reduce commuting
- using recycled paper in office photocopiers
- publishing *SCRATCH* magazine online instead of in paper magazine format
- replacing florescent lighting with LED technology for a portion of the Castlegar office
- using electronic documentation and electronic signatures to reduce paper usage
- using Energy Star-certified devices whenever possible.

How we plan to continue minimizing greenhouse gas emissions

In the future, we plan to:

- remain receptive to improvements that would lower emissions in our four offices, including reducing paper usage
- replace aged lights with LED technology
- continue to encourage the use of videoconferencing equipment and use Skype for Business to reduce travel
- fund additional wildfire prevention projects
- support the installation of up to 52 electric vehicle charging stations to help reduce the usage of combustion powered vehicles and the associated GHG emissions
- continue supporting communities to reduce emissions through various Columbia Basin Trust (Trust) programs, including our Environment Grants program and new Climate Action Program.

Actions we took in 2016 to strengthen our ability to manage the likely effects of climate change

We improved our emergency preparedness to enhance our response to potential effects of climate change impacts such as wildfires or flooding. We also helped Basin communities respond to the effects of climate change in various ways. For example, we:

- developed a new Climate Action Program to help communities reduce greenhouse gas emissions and adapt to climate change impacts like flooding, drought and wildfire
- participated in a five-year partnership with a variety of stakeholders that will focus on monitoring and collecting data on glaciers and snow in the Columbia Basin.

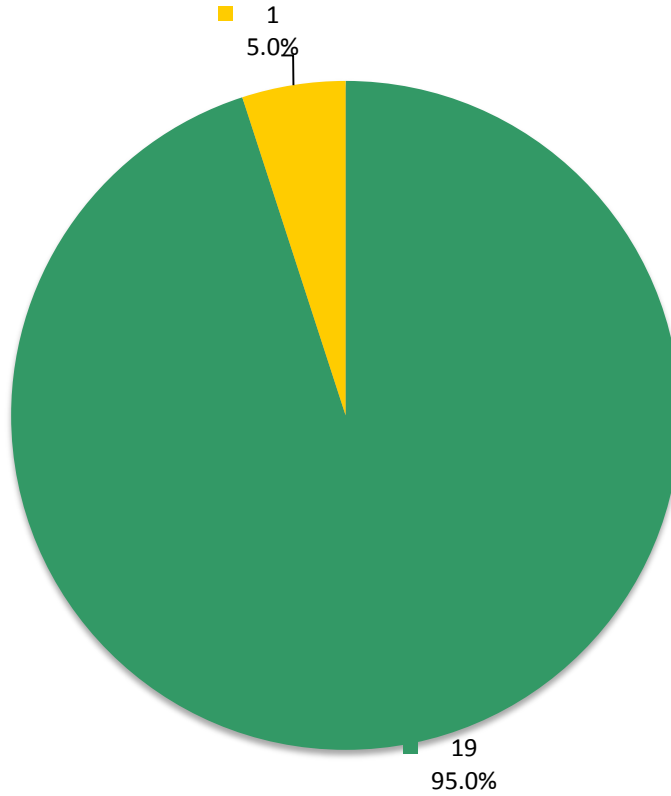
Retirement of Offsets: In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, Columbia Basin Trust (the Organization) is responsible for arranging for the retirement of the offsets obligation reported above for the 2016 calendar year, 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 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.



Johnny Strilaeff, President and Chief Executive Officer

APRIL 25, 2017
Date

**Columbia Basin Trust
Greenhouse Gas Emissions by Source
for the 2016 Calendar Year (tCO₂e*)**



Total Emissions: 21

■ Stationary Fuel Combustion (Building Heating and Generators) and Electricity ■ Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2016 (Generated May 16, 2017 9:50 AM)

Total offsets required: **21**. Total offset investment: \$525. 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.