



# Carbon Neutral Action Report 2017

## Camosun College



## Executive Summary

Camosun College serves approximately 19,000 learners a year in certificate, diploma, bachelor's degree and continuing education programs. With two campuses, many buildings, over 1,100 employees, a

## Camosun College GHG Emission Source Data, Over Time

The following table and chart illustrates Camosun's GHG emissions since 2010. In 2017, the College experienced an increase in overall emissions by 29%, primarily related to an increase in natural gas consumption in buildings. The reasons for this are described in further detail later in the report. Alternatively, fleet and office supply emissions were down this year compared to averages and over previous years.

GHG Emission Source Data, 2010-2017 (tCO <sub>2</sub> e)								
	2010	2011	2012	2013	2014	2015	2016	2017
Buildings	1932	1978	1758	1671	1359	1529	1511	1990
Fleet	28	39	28	24	12	14	8	7
Office Supplies	75	72	57	77	72	65	67	61
Total Emissions	2034	2084	1843	1771	1442	1608	1586	2058

## Actions Toward Carbon Neutrality in 2017

### Buildings

Overall actions towards Carbon Neutrality for Camosun buildings include:

- Implementation of Direct Digital Controls (DDC) on many light switches and thermostats across both campuses
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action;

**Important note regarding 2017 GHG Emission Increase** From 2016 to 2017, Camosun saw an increase in building-related emissions (i.e. an increase of 479 tCO<sub>2</sub>e).



- The vision for Campus Renewal at Camosun is “A Student Centered Campus.” Design principles identified via the consultation may directly impact future emissions include: student residence/living space, sustainable models of building, environmental standards and sustainability, natural lighting, and minimized travel time, and use of vehicles

### Student Engagement

- Representatives from the Office of Sustainability and Department of Ancillary Services visited classrooms frequently throughout the year to speak directly to students about sustainability.
- The Sustainability Office also worked with instructors to develop and execute projects that infuse sustainability into everyday learning.
- The Camosun College Student Society Sustainability Day event (October at the Interurban campus), highlighted sustainability projects taking place at Camosun, and celebrated sustainable businesses and initiatives in our region.

### Transportation Demand Management

- Camosun continued to engage the community in our two annual cycling challenges with great success; Bike to Work Week (May), and Nasty November Bike Challenge (November).
- The Alternative Transportation Dividend Program (ATD), offered to all faculty and exempt staff, continued in 2017. The ATD program incentivizes staff to forgo parking permits in order to receive active transportation benefits such as secure bike parking, locker rentals, towel service, subsidized BC Transit ProPass, and access to the emergency ride home services. The aim of the ATD program is to encourage individuals to use alternate forms of commuting methods instead of single occupancy vehicles.
- Camosun Express: Camosun College continued its offering of a free shuttle service, known as the Camosun Express, to provide staff and students with a safe and convenient way to travel between campus and the Interurban campus.



cleaning products; compostable containers, cutlery, and coffee cups. Of particular note, Aramark's

## Fleet

- Camosun hopes to replace two campus delivery vehicles with electric carts. In 2018, we will be exploring feasibility and timelines for these options.

## Paper

- Camosun will continue the MFD program by refreshing devices not replaced in initial roll-out.
- Camosun will review and implement wherever possible double-sided printing for full breadth of college machines, including those devices used by students.

## Sustainability Plan Refresh

- Sustainability Plan development will continue, with a goal of finalizing the plan in late 2018. Steps in 2018 will include interviews, a series of action planning workshops, and plan approval and rollout.
- Energy and Emissions (10-13-2017) | Environmental by EOP (2-16-2017) | Research (2-29-15) | 1230.13-18-17 (11/10/17) | 1049 | 11-10-2017

