

PERFORMANCE DATA

METRICS	VANCOUVER CAMPUS				OKANAGAN CAMPUS			
	2017/18	TREND	STATUS	BASELINE	2017/18	TREND	STATUS	BASELINE
CONTEXT								
Staff and Faculty Employees (FTE)	12,542	+19%		2007	1,125	+78%		2007
Student Enrollment (FTE)	48,782	+30%		2007	8,010	+96%		2007
Institutional Floor Space (m ²)	1,558,209	+21%		2007	141,896	+97%		2007
TEACHING, LEARNING & RESEARCH								
Sustainability Courses (#)	635				119			
Sustainability-related Academic Programs	62							
Faculty Engaged in Sustainability-Related Research (#)	450							
SEEDS Participants (# of students, faculty, staff)	958							
SEEDS Projects (#)	119							
UBC Sustainability Scholars (# of internships with regional partners)	54							
UBC Sustainability Scholars (# of partners)	9							
UBC Sustainability Scholars (# of graduate programs represented)	25							
Sustainability Ambassadors (# of students)	19							
Sustainability Ambassadors (# of attendees at Ambassador organized events)	1,025							
OPS AND INFRASTRUCTURE								
Absolute Offsettable GHG Emissions (tCO ₂ e)	42,786	-30%	●	2007	3,053	-16%	●	2013
GHG Emissions per Student (tCO ₂ e/student FTE)	0.88	-46%	●	2007	0.38	-29%	●	2007
GHG Emissions per Floorspace (tCO ₂ e/m ²)	0.027	-43%	●	2007	0.022	-29%	●	2007
Campus Energy Sources in GJ (%)								
Natural Gas	45%	-29%		2007	35%			
Electricity	42%			2007	65%			
Biomass (Vancouver)	9%			2007	0.09%			
Propane and Diesel (Okanagan)					0.09%			
Renewable Natural Gas	4%	+0%		2007	0.05%			
Absolute Energy Use (GJ)	1,741,780	+2%	●	2007	155,585	-5%	●	2013
Energy Use Intensity (GJ/m ²)	1.12	-16%	●	2007	1.10	-9%	●	2013
Absolute Water Use (m ³)	2,356,936	-50%	●	2000	171,493	+4%	●	2013

VANCOUVER CAMPUS

OKANAGAN CAMPUS

METRICS	2017/18	TREND	STATUS	BASELINE	2017/18	TREND	STATUS	BASELINE
Overall Waste Diversion Rate (%) Target: Increase overall waste Diversion rate to 70% by 2016 and 80% by 2020	61%	+4%		2010	33%	+11%		2010

Green Buildings

Target: All new construction and major renovations at the Vancouver and Okanagan campuses must achieve LEED or REAP Gold

LEED Projects (# certified and registered building projects)	12 certified 9 registered	+2 registered			2 certified 2 registered	+1 registered		
REAP Projects (# certified and registered projects)	27 certified 7 registered				1 certified			

COMMUNITY

Transportation Mode Share

Trips to/from Campus by Single Occupant Vehicle (SOV)	30%	+0.65%		1997	35%	-7%		2009
Trips to/from Campus by Transit, Carpool, Cycling and Walking	69%	+83%		1997	64%	+8%		2009
Trips to/from Campus by Transit Target: At least 50% of all trips to and from campus will be made by public transit by 2040	52%	+328%		1997	33%	-1%		2009

Student Beds (# of beds) Target: Build up to the capacity or SHHSO operated housing on the Academic Lands	11,796				1,676			
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Faculty and Staff Housing (total units)(GJ)	686	+16%		2014/15				
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Child Care	814	+42%		2014/15	36			2013
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STARS Rating	Gold	2nd Gold Standing						
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Sustainability Coordinators (# in office, Vancouver Campus)	82							
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Power of You (# volunteers, Okanagan Campus)					23			
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Sustainability Coordinators (# in labs)	40							
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Sustainability Tours								
# of Tours Conducted	154				1			
# of Participants	2,209				37			

Digital Engagement								
# of Website Pageviews	201,821				7,743			
# of Website Users	56,736				2,763			
# of Facebook Likes	3,582							
# of Twitter Followers	11,500							
# of Instagram Followers	2,109							
# of Newsletter Subscribers	1,900							

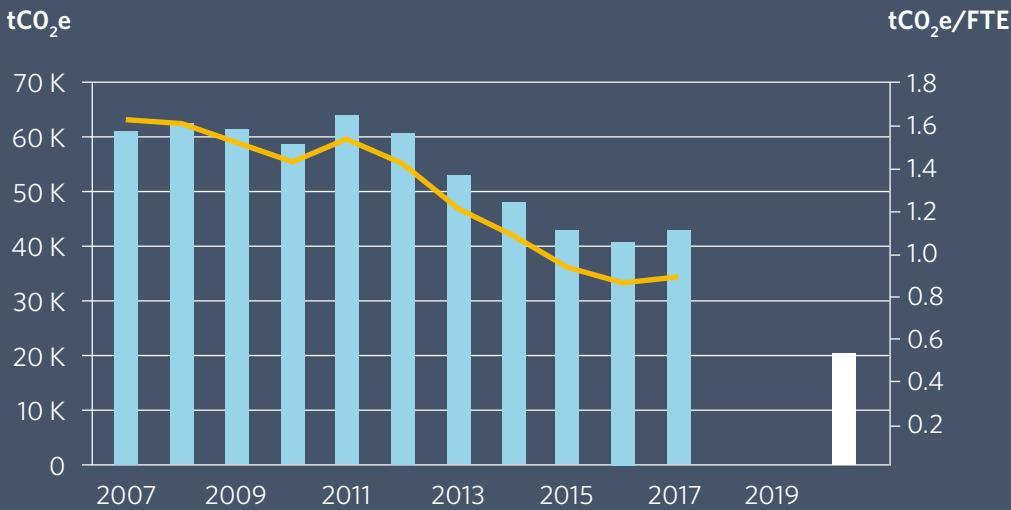
- On track/continued progress made.
- Monitor/explore opportunities for improvement.
- Attention required/advance process.

TREND DATA

GHG EMISSIONS

Since 2007, UBC's Vancouver campus absolute GHG emissions have decreased by 30% despite significant growth. Per capita, emissions have decreased by 46% per student full time equivalent, and 43% per m² of floor space. We are aiming for a 67 percent reduction by 2020, and zero emissions by 2050.

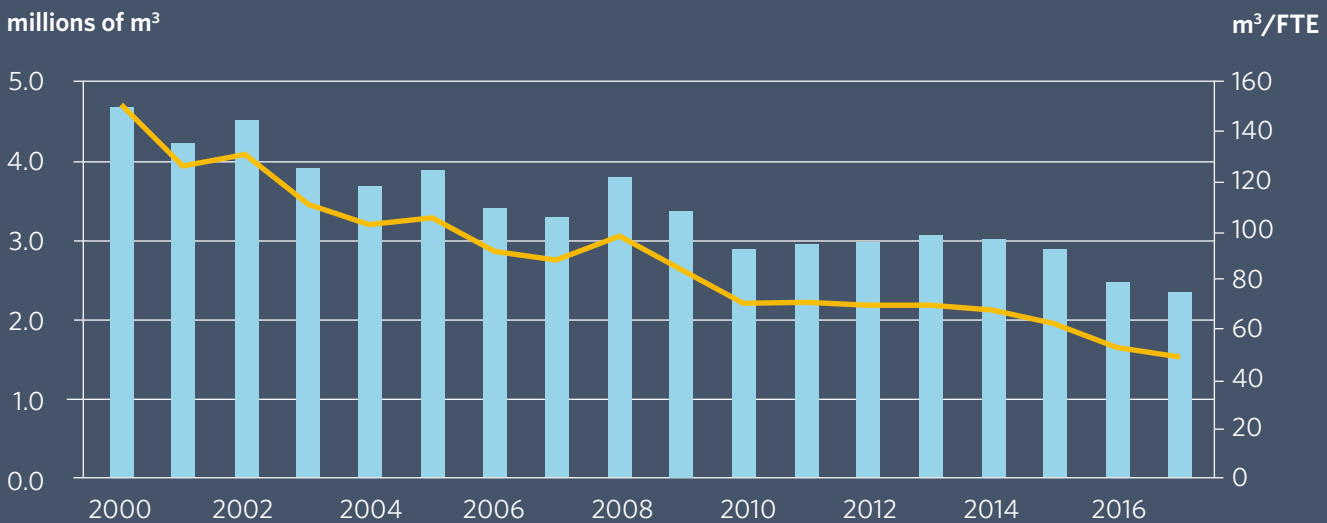
- Absolute GHG Emissions (tCO₂e)
- GHG Emissions per Student (tCO₂e)/FTE
- 2020 GHG Reduction Target



WATER

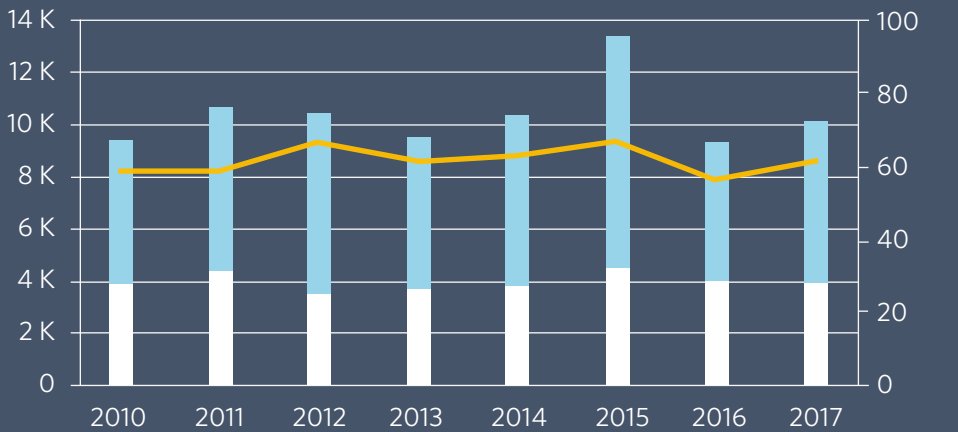
Water consumption has decreased consistently at UBC's Vancouver campus over the past 17 years. The total amount of water used in the campus' academic buildings has reduced by 50% since 2000, despite significant campus growth.

- Absolute Water Use (m³)
- Water Use Per Student (m³/FTE)



MATERIALS AND WASTE

tonnes of waste % waste diversion

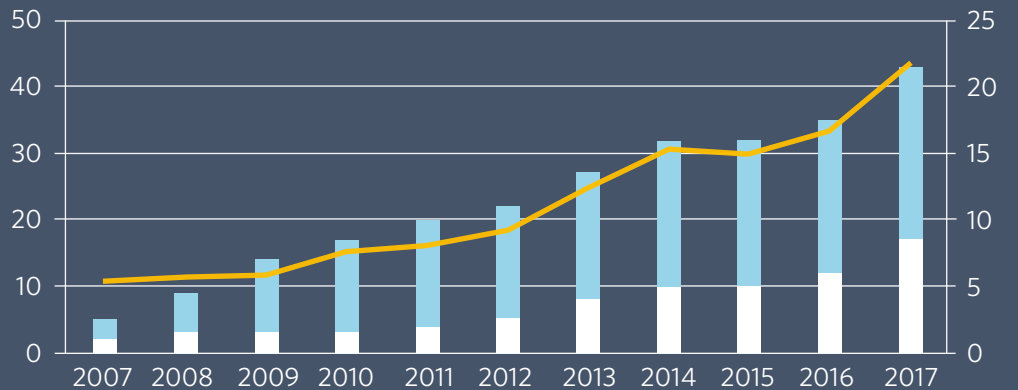


Last year UBC Vancouver diverted 61% of overall waste (operational and construction waste) from the landfill. In the Zero Waste Action Plan, UBC targets 70% diversion by 2016, and 80% diversion by 2020.

- Waste Diverted
- Total Waste Sent to Landfill
- % Waste Diversion (Overall)

GREEN BUILDINGS

of buildings % green building area of total area on campus

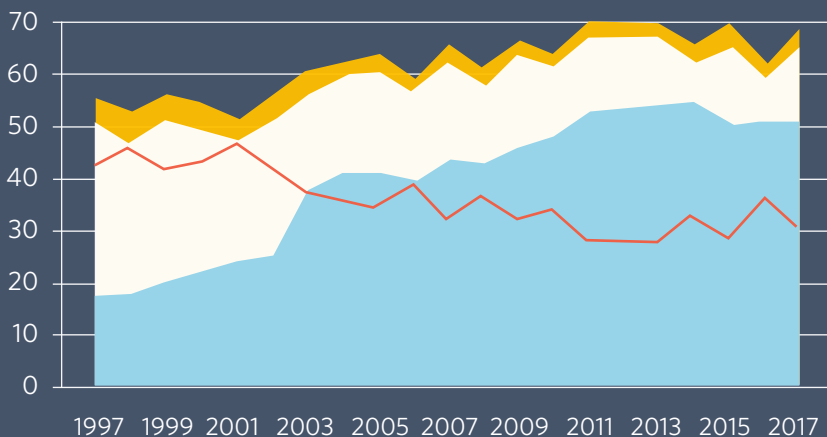


UBC requires that all new buildings be certified either under LEED or REAP. There are 43 buildings that have been certified under the LEED and REAP rating systems, with many other buildings registered and pursuing certification.

- REAP Projects
- LEED Projects
- % Green Building Area of Total Area on Campus

SUSTAINABLE MODES OF TRANSPORTATION

% of usage



The use of sustainable transportation modes (walking, cycling, carpool, and transit) increased at the Vancouver campus in 2017, representing 69% of all trips made to and from campus. UBC targets a reduction in single occupant vehicle use by 20% from 1997 levels. In 2017, single occupant vehicle use was 30%.

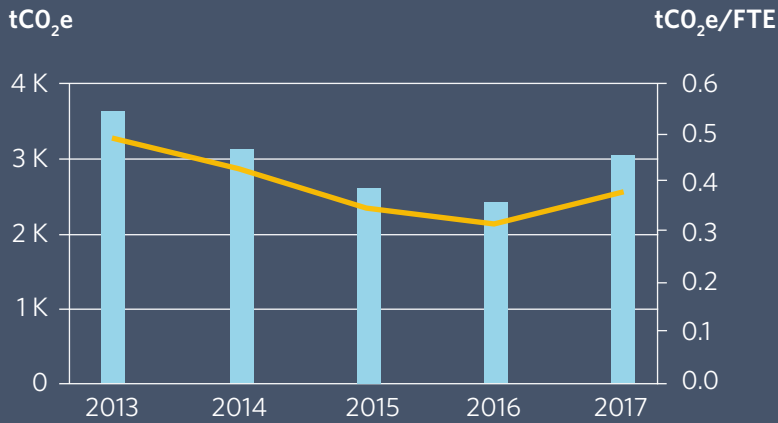
- Walking and Cycling
- Carpooling
- Transit
- Single Occupancy Vehicle

TREND DATA

GHG EMISSIONS

UBC Okanagan's GHG emissions declined by 16% from 2013 levels, despite an 8% increase in student FTEs (full-time equivalents).

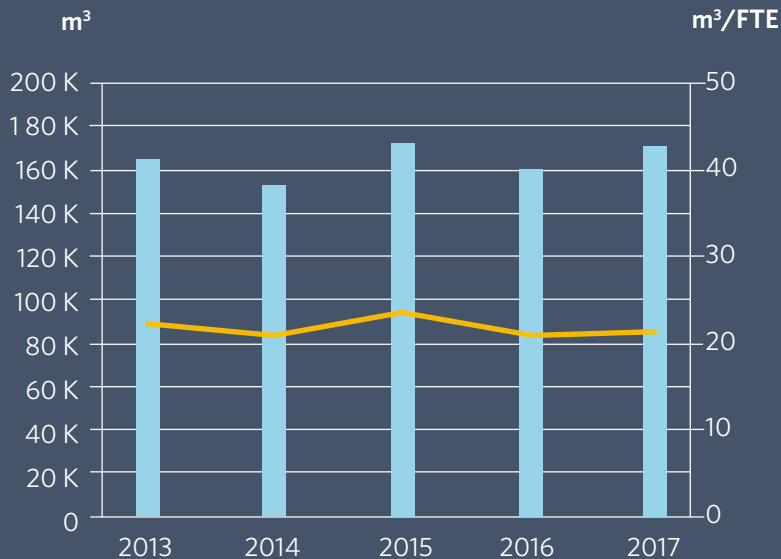
- Absolute GHG Emissions (tCO₂e)
- GHG Emissions per Student (tCO₂e)/FTE



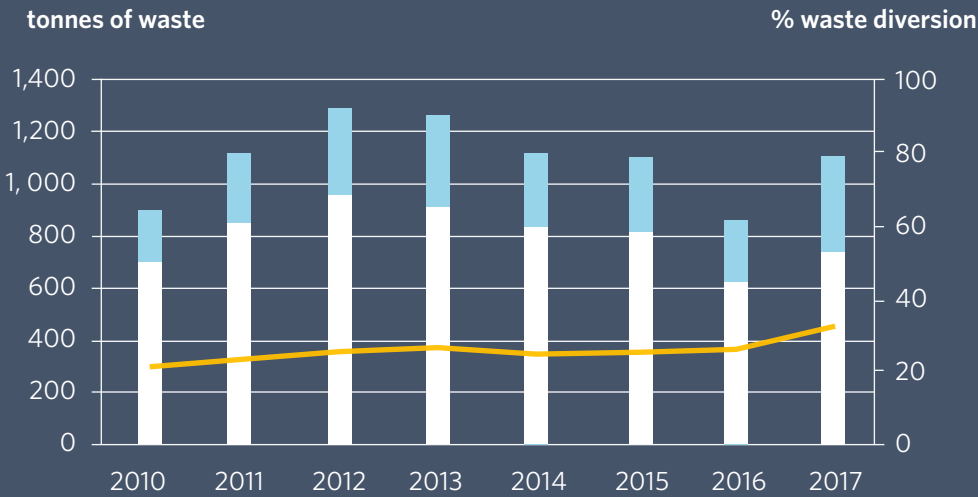
WATER

Despite an eight percent increase in student FTEs since 2013, absolute water consumption at UBC Okanagan has only increased by four percent. Continued reductions in per capita water consumption are expected with the implementation of the Integrated Stormwater Management Plan and the Whole Systems Infrastructure Plan.

- Absolute Water Use (m³)
- Water Use Per Student (m³/FTE)



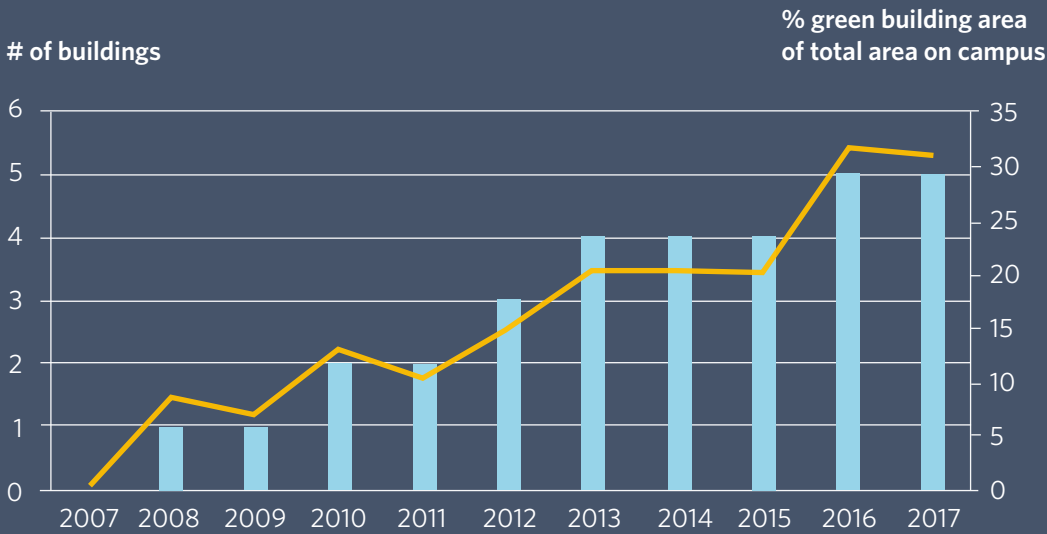
MATERIALS AND WASTE



Last year UBC Okanagan improved waste diversion by 11% over the 2010 baseline. However, the 28% growth of both campus student population and building footprint is challenged by overall waste disposed – since 2010, the total amount of waste generated has increased by 23%.

- Waste Diverted
- Total Waste Sent to Landfill
- % Waste Diversion (Overall)

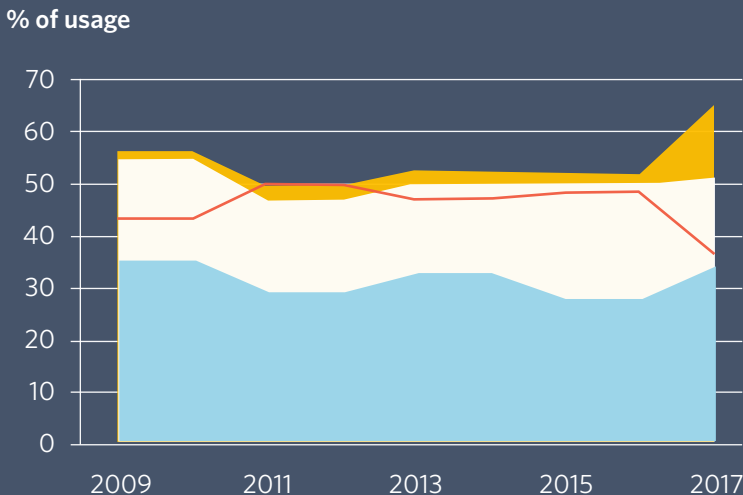
GREEN BUILDINGS



UBC's Okanagan campus has five buildings that are certified under the LEED Rating System, REAP, and Green Globes – currently 31% of the total floor area of the campus is green buildings.

- Total Green Building Projects
- % Green Building Area of Total Area on Campus

SUSTAINABLE MODES OF TRANSPORTATION



The use of sustainable transportation modes increased at the Okanagan campus, representing 64% of all trips made to and from campus. There was also a decline in single occupant vehicle use, which now comprises 35% of all trips made to and from campus.

- Walking and Cycling
- Carpooling
- Transit
- Single Occupancy Vehicle