

University of Victoria – 2009 Carbon Neutral Action Report

Executive Summary



The University of Victoria (UVic) is committed to advancing sustainability in all areas of its operations, particularly as it relates to action to address climate change. As one of the initial signatories of the 2008 President's Climate Change Statement of Action for Canada, UVic is committed to addressing the climate change challenge by setting measurable targets and developing effective plans to ultimately reduce GHG emissions. Recognizing the inherent link between climate action and promoting sustainability, UVic has built its carbon neutral commitments and activities into a broader sustainability framework.

The University of Victoria's 2007 Strategic Plan "A Vision for the Future – Building on Strength" identified sustainability as a priority for the institution. In the spring of 2009, UVic adopted a comprehensive Sustainability Policy establishing an overarching framework that serves to assist the University community in incorporating sustainability into planning and decision making.

Also in 2009, following an extensive consultation process, the University completed a comprehensive *Sustainability Action Plan: Campus Operations 2009 2014* which includes aggressive emission reduction targets and an energy reduction strategy. The action plan also includes goals and actions in eight interrelated topic areas including: Energy and Climate, Transportation, Purchasing, Governance, Decision making and Sustainability Resources, Buildings and Renovations, Grounds, Food and Urban Agriculture, Waste Management, and Water Management. The action plan builds on past successes with sustainability and provides a framework for collaboration, shared understanding, and action.

Inspired by an ambitious vision, each topic area is guided by a number of goals that relate to achieving carbon neutrality. These include:

1.0 Energy and Climate



Vision: A campus that utilizes renewable energy sources for all of its energy needs

Goals:

- Become carbon neutral by 2010
- Reduce campus electricity consumption by 20% by 2015
- Increase the renewable energy portfolio
- Reduce greenhouse gas emissions by 20% over 2007 baseline by 2015
- Quantify the risks to university resources and infrastructure associated with global climate change by 2015

2.0 Transportation



Overview

Actions

Highlights of other key sustainability initiatives include:

- Installed three new state of the art video conferencing facilities.
- Expanded cycling facilities including showers and lockers, covered bike parking, bike lockers, and a “Bike Kitchen” cyclist service station.
- Expanded partnership with the Victoria Car Share Co op offering free `state()Tn6hip` `memb(maintainip)TJC221022`

University of Victoria moving toward an emissions free

over 60% electric vehicles. Fuel efficient fleet management is also combined with an ever increasing staff bicycle fleet program.

fleet with

Reduce the number of fleet vehicles that consume fossil fuels to 40% of total vehicle fleet. Expand hybrid vehicles and other low emission

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Action	Status (as of 12/31/09)	Performance Indicator (as of 12/31/09)	Steps Taken in 2009	Steps Planned for 2010-2012	Start Year	End Year
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Install a



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Action	Status (as of 12/31/09)	Performance Indicator (as of 12/31/09)	Steps Taken in 2009	Steps Planned for 2010-2012	Start Year	End Year
Upgrade lighting systems during retrofits	Ongoing/In Progress	90 % of retrofits (captured above) had lighting systems upgrades	As part of lighting retrofit program, T8 florescent bulbs are replaced with the 30% more efficient T12 bulbs	Currently piloting use of LED bulbs for external lighting with plans for broader use. Extensive lighting system upgrades under the KIP renovation program. Plans to install motion sensors in all lunchrooms and washrooms on campus. Plans to install daylight sensors in all foyers and		

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Action	Status (as of 12/31/09)	Performance Indicator (as of 12/31/09)	Steps Taken in 2009	Steps Planned for 2010-2012	Start Year	End Year
Train staff to use collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	Ongoing/In Progress		Training on a range of collaborative tools available through University Systems. The percentage of staff and faculty who use these collaboration services can't be determined easily, however, there are over 1500 sites dedicated to the use of online collaboration tools that are being used by virtually every department and entity on campus.	Plans to institute a formal collaboration position to further encourage the use of electronic collaboration tools across campus.	2011	No End Date (Continuous)
Encourage staff to hold paperless meetings or presentations (i.e., no handouts)	Ongoing/In Progress		In the process of developing a paperless Board of Governors and Senate meeting			

Actions to Reduce Provincial Emissions and Improve Sustainability

Action	Status (as of 12/31/09)	Steps Taken in 2009	Steps Planned for 2010-2012	Start Year	End Year
Business Travel					

	A	B	C	D	E	F	G	H
3	Action	Status (as of 12/31/09)		Performance to Date (as of 12/31/09)	Steps Taken in 2009	Steps Planned for 2010-2012	Start Year	End Year
24	Assess availability of Fair Trade food and beverage products on campus.	Ongoing/In Progress			Contracts with food suppliers reviewed for possible addition of Fair Trade elements. All purchases of coffee used in dining areas and main campus café are Fair Trade.	Continue to investigate viability of more Fair Trade food items on campus.	2009	No End Date (Continuous)
25	Increase purchasing of local goods and services.	Ongoing/In Progress			Efforts made in all purchasing decisions, where feasible, to purchase from local suppliers, in particular from local food producers.	Continue to purchase from local suppliers whenever feasible, in all purchases.	2007	No End Date (Continuous)
26	Require food suppliers to use reusable packaging in delivery of products.	Ongoing/In Progress			Meat, poultry and baked goods are all delivered in reusable, washable containers.	Continue to expand the number of products delivered in reusable, washable containers.	2008	No End Date (Continuous)
27	Require suppliers to consolidate orders and reduce the number of delivery trips made to campus each week.	Ongoing/In Progress			Arrangements made with regular suppliers include food wholesalers, to make 2-3 trips to campus a week instead of 5.	Continue to seek new arrangements with suppliers of all products to reduce the number of deliveries made to campus each week.	2007	No End Date (Continuous)
28	Buildings and Renovations							
29	Establish a policy to reuse materials where possible and divert construction and demolition debris from landfills and incineration facilities	In Development			Examining opportunities to expand construction demolition waste diversion rates through including demolition waste diversion rates in construction contracts and incorporating demolition waste in planned on campus waste transfer and 1AV09U"000			
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