



BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY

3700 WILLINGDON AVENUE
BURNABY, BRITISH COLUMBIA
CANADA V5G 3H2

bcit.ca

BCIT – 2010 Carbon Neutral Action Report

Overview

British Columbia Institute of Technology is the largest polytechnic institute in Western Canada and a recognized leader. BCIT's vision and commitment to the integrity of the economic, social and environmental prosperity of British Columbia has inspired the innovative approach to integrating sustainability into the Institute. BCIT's 5-Forward Strategic Plan has an environmental sustainability objective which states "...Provide a safe and healthy environment for our employees, students, and for the communities where we live and operate by integrating sound environmental practices into our business decisions; and by establishing quantifiable goals and accountabilities for environmental performance in accordance with the BC Climate Action plan;". This mandate clearly states BCIT's commitment to moving towards Carbon Neutrality.

In order to be successful, BCIT is committed to incorporating sustainability into every aspect of its curriculum, applied research and operations as part of its larger institutional commitment to support the emerging BC green economy. Hence the creation of the Greening Campus initiative is to showcase BCIT's leadership in sustainability education and applied research through creation of campuses that offer living laboratories of environmental stewardship and sustainability practices. The greening campuses strategic plan articulates aspirational goals, such as being greenhouse gas neutral, net energy producer, zero waste, and water balanced.

Sub-Committees

As part of getting more participation in BCIT's sustainability initiatives, additional working groups have been established to focus on certain aspects that will assist the Sustainability Committee to meet its goals. These sub-committees include:

1. Awareness and Behavioural Change
 - a. Information
 - b. Stories
 - c. Campaigns and Campus Maps
2. Education and Research
 - a. Inventory faculty, research, and student success stories





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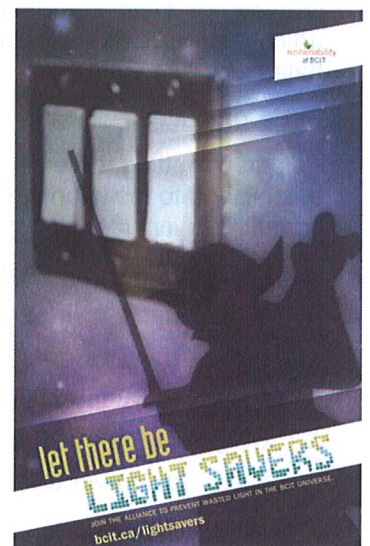
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- b. Raise awareness / support adoption of success stories
 - c. Pacific Spirit Project training for faculty
 - d. Integrate sustainability into both new & existing programs
 - i. Strategic plan: Incorporate sustainability, interdisciplinary, internationalization, and citizenship into BCIT programming
 - ii. Integrate into Education Council policies, processes, templates, resources
 - iii. Incorporate into (New) program development process
 - iv. Incorporate into (Existing) program review process
3. Funding
 - a. No interest loan that is to be repaid within five years by project related reduction in utility consumption, waste removal and/or operating costs
 - b. Funds may be accessed through an application process which must be supported by a strong business case
 - c. \$75k available for 2010/11
4. Inventory Monitoring and Reporting
 - a. Measuring Tools & Methodology:
 - b. Theory + Periodic "Basic Audit"
 - c. Meter Reading
 - d. Isolating a project to measure and/or monitor a success of a project
5. Special Projects – Paperless Initiative
 - a. Identify opportunities /efficiencies in our current business practices
 - b. Working on strategy to educate and train staff on our existing software and technology
 - c. Investigating a program to pilot the use of an e-reader

2010 Greenhouse Gas Emissions and Offsets Applied to become Carbon Neutral in 2010

Key initiatives taken between January 1, 2010 and December 31, 2010 to reduce greenhouse gas emissions include:

- Electric charging stations being installed in two locations on the Burnaby campus to accommodate greater use of electric maintenance carts to commute around the campus in lieu of fuelled vehicles
- Reduction in BCIT's building area by relinquishing its leased space and accommodating the Graphics Communications Technology Program on its existing footprint in Burnaby
- Implementation of the Government Office Space Standards in the SW1 Gateway Building to reduce the required square metres of office space
- Installation of Smart Metres throughout the campus to assist with real-time monitoring of key areas
- SW1 Gateway building has been retrofitted with a geothermal heating and cooling system, improved building insulation and window systems,





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updated DDC controls, installation of the Smart Metres and photovoltaic panels

- Power Down campaign was introduced and was very effective during the break for the 2010 Olympics where the institute saved more than \$20,000 and 550,000kWh of electricity
- Lights Savers Campaign was promoted throughout the year.
- Paperless campaign introduced to reduce paper consumption which included double sided printing as a default.
- 9847.37 tonnes of CO₂e was purchased for 2010.

Plans to Continue Reducing Greenhouse Gas Emissions 2011-2013

Key areas of greenhouse gas reduction that BCIT will be focusing on over the next three years.

- Establishing an Operating Working Group to identify sustainability initiatives that can be introduced into the day to day work operations of the institute.
- Continue with communication of sustainability initiatives in the institute's lunch and learn presentations, newsletters, website, and other social media.
- Waterless urinals will be tested in select locations on the campus.
- Additional bike lockers and shower facilities will be provided as part of the SW1 Gateway Project to encourage biking to BCIT.
- Additional electrical outlets for electric vehicles will be installed to encourage the use of electric vehicles.
- U-Pass is being negotiated for the campus to reduce single occupancy vehicles coming to the institute.
- Multi-functional devices will be strategically placed throughout the campus to replace the many standalone printer stations on the campus.
- Water filling stations are being installed in select locations to reduce the use of bottled water.

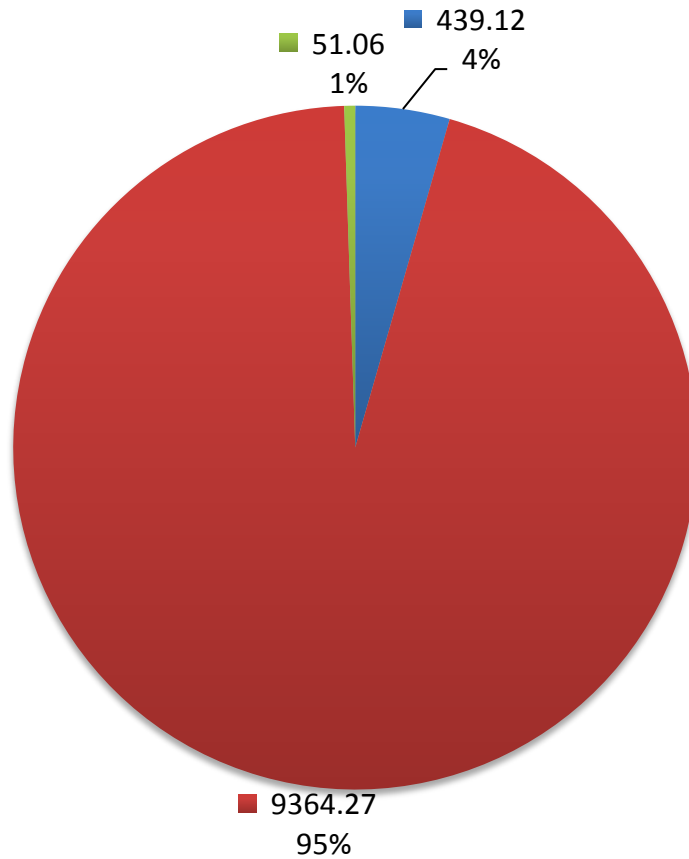
Lorcan O'Melinn Apr. 29/11

Lorcan O'Melinn

Vice President, Finance and Administration

BCIT

Greenhouse Gas Emissions by Source for the 2010 Calendar Year (tCO₂e*)



Total Emissions: 9854.45

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion and Electricity (Buildings)
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2010

Total offsets purchased: **9847.37**. Total offset investment: **\$246,184.25**. Emissions which do not require offsets: **7.08** **

*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.

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Actions Towards Carbon Neutrality							
The actions listed below contribute to a reduction in greenhouse gas emissions from sources for which public sector organizations are responsible under the carbon neutral government regulation of the <i>Greenhouse Gas Reduction Targets Act</i> .							
Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Mobile Fuel Combustion (Fleet and other mobile equipment)							
Vehicle fuel efficiency							
Replace vehicles with more fuel-efficient models	Ongoing/In Progress	10	% of vehicles are fuel- efficient models	This has been common practice at BCIT prior to 2009.	Fuel-efficient models will be purchased as funding comes available.	2010	No End Date (Continuous)
Replace larger vehicles with smaller models according to fleet "right-sizing" principles	In Development				Review inventory and to develop a repalcement plan over time.	2012	No End Date (Continuous)
Perform regular fleet maintenance to improve fuel-efficiency	Ongoing/In Progress	100	% of vehicles are subject to regular maintenance for fuel efficiency	Part of routine maintenance of vehicles.	Continue with the maintenance program.	2004	No End Date (Continuous)
Replace small maintenance vehicles with more fuel-efficient models	Ongoing/In Progress	10	% of small maintenance vehicles are fuel-efficient	Electric charging stations have been installed in 2 locations around the campus. Utilize electric maintenance carts to commute around the campus.	Planned to install additional electric charging stations around the campus.	2010	No End Date (Continuous)
Behaviour change program							
Provide fleet driver training to reduce fuel use	Ongoing/In Progress	100	% of current drivers are trained	This has been common practice at BCIT prior to 2009.	Continue to conduct fleet driver training to reduce fuel use to new employees.	2004	No End Date (Continuous)
Encourage carpooling in fleet vehicles	Ongoing/In Progress			This has been common practice at BCIT prior to 2009.	Continue to encourage fleet car pooling.	2004	No End Date (Continuous)
Promote alternatives to fleet vehicle travel where possible (e.g., bicycles, public transit, walking)	Ongoing/In Progress			This has been common practice at BCIT prior to 2009.	Continue to encourage alternative modes of transportation.	2004	No End Date (Continuous)
Stationary Fuel Combustion, Electricity and Fugitive Emissions (Buildings)							
Planning/management							
Enrol in a building energy benchmarking program (e.g., GREEN UP)	Ongoing/In Progress			Encouraged greater participation on the Sustainability Committee at BCIT. Inventory, Monitoring and Reporting Subcommittee has been tasked to develop benchmarks for the institution.	Identify greater measurement opportunities to determine how successful sustainability initiatives.	2010	No End Date (Continuous)
Reduce office space (square meters) per employee	Ongoing/In Progress			Implemented the Government Office Space Standards (GOSS) in the SW1 Gateway Building.	Implement GOSS to all future developments and renovations.	2010	No End Date (Continuous)
Install a real time metering system (e.g. Pulse, Reliable Controls, Houle Controls)	Ongoing/In Progress			Monitoring loads from the smart metres. Additional electrical producing equipment such as PV panels on the SW1 Gateway Building, wind turbines in the AFRESH building, and Co-Gen in SE8 are under construction. Micro-Grid task group has been initiated to review additional opportunities for the smart grid and metering.	Proceeding to identify additional opportunites as research funding has been received from the Federal and Provincial governments.	2010	No End Date (Continuous)
Owned buildings							
Establish energy performance baseline for owned buildings	Ongoing/In Progress			Refined our energy measurements and identified buildings that will require metering to accommodate benchmarking in each building.	Installing additional metres throughout the campus as funding comes available.	2009	No End Date (Continuous)

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Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Achieve LEED NC Gold certification at a minimum for new construction or major renovations	Ongoing/In Progress			SW1 Gateway Building is being developed under the LEED gold requirements.	Develop guidelines for implementation of LEED NC gold for all campus developments.	2010	No End Date (Continuous)
Incorporate integrated design process into new construction or during renovations of owned buildings	Ongoing/In Progress	5	% of buildings built or renovated since start year indicated used the integrated design process	SW1 Gateway Building was palnned using the integrated design process.	Develop guidelines for implementation of the intergrated design process.	2009	No End Date (Continuous)
Complete energy retrofits on existing, owned buildings	Ongoing/In Progress			Lighting retrofits are continuing throughout the campus.	A replacement plan for lighting, boilers cooling towers, etc. are being developed.	2001	No End Date (Continuous)
Retrofitting owned buildings							
Upgrade mechanical systems (heating, cooling, ventilation) during retrofits	Ongoing/In Progress			Boilers in Building NE6 were replaced with high efficiency energy star condensing boilers.	A replacement plan for boilers and cooling systems is being developed. In 2011 high efficiency energy boilers will be installed in SE41 and in NE12 and energy efficient cooling towers at 4355 Mathissi Place, SE2, NE1.	2010	No End Date (Continuous)
Upgrade lighting systems during retrofits	Ongoing/In Progress			Lighting retrofits are continuing throughout the campus.	Additional lighting retrofits planned for 4355 Mathissi Place, NE16, NE18, NE20	2010	No End Date (Continuous)
Upgrade/adjust control systems during retrofits	Ongoing/In Progress	10	% of retrofits since start year indicated had control system upgrades or adjustments	SW1 Gateway Building implementing additional DDC controls throughout the building.	DDC controls are being replaced in the Marine Campus, 4355 Mathissi Place.	2009	No End Date (Continuous)
Improve building insulation (including windows) during retrofits	Ongoing/In Progress	10	% of retrofits since start year indicated had insulation improvements	SW1 Gateway Building implementing insulated windows and additional insulation in the building.	Building envelope upgrade planned for SE8.	2010	No End Date (Continuous)
Install an on-site renewable energy demonstration project	Ongoing/In Progress	10	% of retrofits since start year indicated had on-site renewable energy components	Installation of the smart grid, smart metres, cogeneration system	Installation of Switch Glazing system in SW2, installaing a photovoltaic array on SW1 roof, a vertical windmill turbine in NE3.	2010	No End Date (Continuous)
IT power management							
Install power management software which shuts down computers outside of regular business hours	Ongoing/In Progress	100	% of computers shut down automatically outside of regular business hours	Completed the installation of the power management software.	In the process of testing the power management software.	2009	2011
Remove stand-alone printers, copiers, and/or fax machines and install multi-function devices	Ongoing/In Progress	50	% reduction in printers, copiers, and/or fax machines since start year indicated	Completed the RFP for multi-function devices to accommodate the reduction in stand-alone printers, copiers and fax machines.	New mulit-function devices will be installed throughout the camous.	2009	2011
Replace computers with ENERGY STAR models during regular computer upgrades	Ongoing/In Progress			Any new computer purchase will have an energy star rating. BCIT is moving towards a 1 computer policy per employee (laptops will be encouraged).	Continue with the computer roll out to all staff.	2008	No End Date (Continuous)
Appliances and electronic devices							
Replace refrigerators with ENERGY STAR models or source ENERGY STAR models for future purchases	Ongoing/In Progress			Energy star models are the standard for refrigerator purchases.	An inventory of refrigerators will be identified for replacement with ENERGY STAR models over time.	2010	No End Date (Continuous)
Replace other appliances or electronic devices with ENERGY STAR models or source ENERGY STAR models for future purchases	Ongoing/In Progress			Replaced a commercial dishwasher in the commissary with an energy efficient model.	An inventory of other appliances or electronic devices will be identified for replacement with ENERGY STAR models over time.	2010	No End Date (Continuous)
Behaviour change program							

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Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Help staff reduce personal energy use through "workstation tune-ups"	Ongoing/In Progress			Identified through e-mails, newsletters how staff can help to reduce energy consumption at their workstations.	Continue with the messaging to and helpful tips in e-mails, newsletters, lunch and learns, etc.	2010	No End Date (Continuous)
Ask staff to unplug electrical equipment or switch off power bars when not in use	Ongoing/In Progress			Promotional program to remind staff to turn off power bars, electronic devices, etc. before they leave for the day. Also part of BCIT's lights out program.	Continue to remind staff throughout the year to turn off electronic devices when not is use.	2010	No End Date (Continuous)
Provide reminders for turning off lights (e.g., signs, stickers, messages)	Ongoing/In Progress			Light savers campaign promoted. Printed and distributed stickers to all occupants in the buildings.	Continuation of the light saver program.	2009	No End Date (Continuous)
Promote hot water conservation	Ongoing/In Progress			Installed low flow shower heads in the residence. Installed a energy efficient dishwasher in the cafeteria.	Developing a plan to further reduce hot water consumption.	2009	No End Date (Continuous)
Other Stationary Fuel Combustion and Electricity Actions							
Reducing BCIT's building area.	Ongoing/In Progress			Relinquished an external lease facility for the Graphics Communication Technology Program and consolidated the operations in BCIT's existing footprint.	Plan to demolish Buildings NE26, NE27, NW7 to reduce a total gross area of 1687 sm. Developing a space utilization strategy to optimize the use of space.	2010	No End Date (Continuous)
Supplies (Paper)							
Printer/document settings							
Switch networked printers and photocopiers to automatic double-sided	Completed in 2010	100	% of network printers or photocopiers are set to automatic double-sided	All printers and photocopiers are defaulted to double sided printing.		2008	2010
Apply "print and hold" settings to networked printers to eliminate unclaimed print jobs	Ongoing/In Progress			Photocopiers and printers that have the capability are now defaulted with the "Print and hold" feature.	Multi function devices planned as a standard and to be implmented in 2011.	2009	2011
Reduce default margin size in standard document templates (e.g., letters, briefing notes, forms, etc.)	In Development				The School of Construction and Environment plans on piloting this initiative.	2011	No End Date (Continuous)
Electronic media in place of paper							
Use electronic document library for filing common documents	In Development			The School of Construction and Environment piloted this initiative. There are 25 documents stored.	The plan is to expand this to all departments.	2009	No End Date (Continuous)
Post materials online that were previously printed	Ongoing/In Progress			This has been common practice at BCIT, since it has a large IT academic school and department.	Continue this practice.	2005	No End Date (Continuous)
Behaviour change program							
Train staff to use collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	Ongoing/In Progress	100	% of staff currently have received collaborative software training	Continue to train new staff with this type of collaborative editing process.	Continue to train new staff with this type of collaborative editing process.	2005	No End Date (Continuous)
Encourage staff to hold paperless meetings or presentations (i.e., no handouts)	Ongoing/In Progress			Paperless Committee established to develop strategies. Providing laptops as a standard in lieu of desktop computers.	This initiative will continue with the other campaigns to reduce energy consumption.	2009	No End Date (Continuous)

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Actions to Reduce Provincial Emissions and Improve Sustainability							
The actions listed below contribute to a reduction in greenhouse gas emissions from sources that fall outside of the reporting requirements defined in the carbon neutral government regulation of the <i>Greenhouse Gas Reduction Targets Act</i> . Public sector organizations can optionally use this section to report on actions that will help British Columbia meet its provincial greenhouse gas reduction targets, engage the public, and improve environmental sustainability across all aspects of their organization.							
Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Business Travel							
Policy and budgeting							
Create a low-carbon travel policy or travel reduction goal	Ongoing/In Progress			Video conferencing and teleconferencing encouraged as a substitute to travel.	Travel reduction goals will be reviewed and implemented.	2009	No End Date (Continuous)
Virtual meeting technology							
Install web-conferencing software (e.g., Live Meeting, Elluminate, etc.)	Ongoing/In Progress			Encouraging the use of video conferencing technology wherever possible. Including the technology for student instruction.	Continue with the promotion of the technology to staff and faculty to get greater buy in.	2008	No End Date (Continuous)
Behaviour change program							
Encourage carpooling to meetings	In Development				Car pooling is encouraged there are no preferred parking spots for car pooling employees.	2009	No End Date (Continuous)
Encourage alternative travel to meetings (e.g., bicycles, public transit, walking)	In Development				Identifying improved Transit opportunities and the discussion with Translink on the possibility of incorporating a U-Pass program for the campus.	2008	No End Date (Continuous)
Education, Awareness, and Engagement							
Team-building							
Create Green, Sustainability, Energy Conservation, or Climate Action Teams with executive endorsement	Ongoing/In Progress			Green Teams have been operational for a number of years, but the groups has been formally recognized by the Sustainability Committee.	Establishing an Operational Committee to establish sustainability strategies to the operational groups.	2008	No End Date (Continuous)
Provide resources and/or dedicated staff to support teams	Ongoing/In Progress			Created the green revolving fund to support environmental initiative on campus.	Encourage applications to the green fund.	2009	No End Date (Continuous)
Providing behaviour change education/training to teams (e.g., community-based social marketing)	Ongoing/In Progress			Awareness and Behavioural Change Subcommittee established to focus on communicating the sustainable initiatives being planned or implemented.	Additional social marketing will be used to get the word out on sustainability.	2010	No End Date (Continuous)
Awards/Recognition							
Establish a sustainability/green awards or recognition program	Ongoing/In Progress			Continued to recognize employees with the "Green Apple" award who provide outstanding service to the environment at BCIT.	Continue to annually recognize employees who provide outstanding service to the environment at BCIT	1998	No End Date (Continuous)
Staff Professional Development							
Support green professional development (e.g., workshops, conferences, training)	Ongoing/In Progress			Continued with the Pacific Spirit Project where sustainability in the curriculum is discussed and promoted.	Continue the Pacific Spirit Project.	2008	2012
Include green options in employee performance measurement system	In Development				Reviewing the possibilities.	2010	No End Date (Continuous)
Staff awareness/education							
Provide education to staff about the science of climate change	Ongoing/In Progress			Lunch and learn lectures to staff and students.	Continue with lunch and learn lectures to staff and students.	2009	No End Date (Continuous)

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Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Provide education to staff about the conservation of water, energy, and raw materials	Ongoing/In Progress			Lunch and learn lectures to staff and students.	Continue with lunch and learn lectures to staff and students.	2009	No End Date (Continuous)
Provide green tips on staff website or in newsletters	Ongoing/In Progress			Monthly features on sustainability initiatives on the website and newsletter.	Continue with monthly features on sustainability initiatives on the website and newsletter.	2010	No End Date (Continuous)
Provide sustainability education during new staff orientation	Ongoing/In Progress			Sustainability initiatives are identified to new staff during the new staff orientation session.	Continue to identify sustainability initiatives in the staff orientation sessions.	2010	No End Date (Continuous)
Client/public awareness/education							
Provide education to clients/public about the science of climate change	Ongoing/In Progress			Lunch and learn lectures to staff and students.	Continue with lunch and learn lectures to staff and students.	2010	No End Date (Continuous)
Provide education to clients/public about the conservation of water, energy, and raw materials	Ongoing/In Progress			Lunch and learn lectures to staff and students.	Continue with lunch and learn lectures to staff and students.	2010	No End Date (Continuous)
Provide green tips on client/public website or in newsletters	Ongoing/In Progress			Monthly features on sustainability initiatives on the website and newsletter.	Continue with monthly features on sustainability initiatives on the website and newsletter.	2010	No End Date (Continuous)
Other Sustainability Actions							
Water conservation							
Establish a water conservation strategy which includes a plan or policy for replacing water fixtures with efficient models	In Development				Waterless urinals will be tested in SW1.	2010	No End Date (Continuous)
Put in place a potable water management strategy to reduce potable water demand of building-level uses such as cooling tower equipment, toilet fixtures, etc. and landscape features	In Development				Plan will be established to replace water cooled HVAC units, cooling towers, etc.	2011	No End Date (Continuous)
Introduce a stormwater management landscape strategy (e.g., vegetated roofs, permeable paving, rain gardens, bioswales)	In Development				Planning a potential green roof on the SW1 Building	2010	No End Date (Continuous)
Waste reduction/diversion							
Put in place an operations policy to facilitate the reduction and diversion of building occupant waste from landfills or incineration facilities	Ongoing/In Progress			Recycling has been in place at BCIT for over 10 years. Reduced the size of the garbage cans in offices to encourage more recycling. Styrofoam containers and serverware have been replaced with paper biodegradable and compostible products.	Identify more products that can be recycled. Plan to install water refilling stations in SE16 and the Great Northern Way Campus to reduce the use of bottled water.	2000	No End Date (Continuous)
Procurement (non-paper supplies)							
Incorporate minimum recycled content standards into procurement policy for consumable, non-paper supplies (e.g., writing instruments, binders, toner cartridges, etc.)	Ongoing/In Progress			Minimum recycled content has introduced for paper purchases.	More products will be evaluated.	2000	No End Date (Continuous)
Establish green standards for goods that are replaced infrequently and/or may require capital funds to purchase (e.g., office furniture, carpeting, etc.)	In Development				Product standards will be established.	2011	No End Date (Continuous)
Require a minimum purchase of sustainable, and organic food and beverages supplied by contracted food suppliers or caterers	In Development				Food service provider will be establishing a standard.	2011	No End Date (Continuous)
Building construction, renovation, and leasing							

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Establish a policy to reuse materials where possible and divert construction and demolition debris from landfills and incineration facilities	In Development				Minimum requirement standard will be established to encourage reuse of materials.	2009	No End Date (Continuous)
Incorporate lifecycle costing into new construction or renovations	In Development				Establishing a standard to incorporate the lifecycling elements in a building.	2010	No End Date (Continuous)
Indoor air quality							
Incorporate low volatile organic compounds (VOCs) standards into procurement policy for products such as paints, carpets, and furniture	In Development				Develop a standard to minimze access to the site.	2010	No End Date (Continuous)
Commuting to and from home							
Encourage commuting by foot, bicycle, carpool or public transit	Ongoing/In Progress			Student U-Pass being proposed for the campus to encourage public transit use.	Promotions established for Bike to Work week.	2010	No End Date (Continuous)
Provide shower or locker facilities for staff/students who commute by foot or by bicycle	Ongoing/In Progress			Planning additional lockers and showers throughout the campus.	Installing additional bike lockers and showers throughout the campus.	2009	No End Date (Continuous)
Provide secure bicycle storage	Ongoing/In Progress			Relocated existing storage lockers to more convenient locations.	Bike storage will be incorporated into the SW1 Gateway Project. Additional lockers will also be purchased for SE16, SE1, NE1.	2001	No End Date (Continuous)
Modify parking fees or parking availability for staff/students	Ongoing/In Progress			Student parking fees were increased.	Removing parking spaces from the inventory.	2010	No End Date (Continuous)
Other Sustainability Actions							
Establish community gardens on campus.	Ongoing/In Progress			Established a garden area in the loggers sports field in SE30.	Additional gardens will be planned for the campus.	2010	No End Date (Continuous)