



# Sustainability Report 2011



## ENERGY



- Created Sustainable Design, Open Space, and Building Material Reclamation Guidelines for all new constructions
- Utility sub-meters for electricity, natural gas, and water have been installed in all main buildings at the Waterloo campus to capture isolated, real-time data
- Purchased a real-time energy consumption dashboard for awareness and programming. Received \$150,000 from the President's Innovation SEED Fund
- Built the LEED certified Silver Research and Academic Centre East in Brantford



## PLANNING



- Completed the 5 year strategic plan for sustainability at Laurier, the 'Laurier Sustainability Action Plan'



## WATER



- The Student Union installed several WaterFillz stations over campus in high needs areas. These bottle-free water stations filter water from the city lines, peak at only a 55 watt power draw, and count the numbers of bottles saved on the machine
- Laurier departments continued Installation of bottle-free water coolers



## FOOD



- Restarted a weekly student run Farm Market that runs in the Fall and Winter terms
- Key Laurier stakeholders went on a farm tour of our local, organic, and/or sustainable farms that we source from in the Waterloo Region
- Laurier began discussions with Local Food Plus from Toronto to investigate possible 3rd Party Certification of Laurier's food sourcing



## WASTE



- Laurier has worked hard to reach the requirement of 60% waste diversion in the 2011 annual waste audit
- Two buildings, the Student Union, and the Graduate Students Association were outfitted with central recycling and composting centres, which requires individuals to remove own waste to the centres
- The Concourse in Laurier's student centre was outfitted with 4 central recycling centres, one of which includes composting
- Held an e-waste drop off day for all Laurier and community members, proceeds went to Habitat for Humanity
- Adaptive reuse of 97 Dalhousie at the Brantford Campus
- A battery and florescent light bulb recycling program has been initiated through the Environmental, Occupational, Health & Safety Office, with help from Physical Resources
- Introduced single stream recycling collection (paper, cans and glass) at some residence buildings, which reduces the amount of contamination in recycling, resulting in an increased diversion rate. This also reduces our carbon footprint as fewer trucks needed to pick up the recycling. We will be expanding this across campus
- MOLOKS have been installed outside of residence buildings as an alternative to garbage bins and compactors have been installed on campus locations. MOLOKS are self compaction and therefore do not require electricity for compaction. This decreases the number of pick-ups required
- Recycled 80% of building materials generated from demolition of St. Michael's school building



## TRANSPORTATION



- Installed 20 new bike racks
- Implemented three on-campus crosswalks to promote pedestrian and cycling safety
- Cycling safety spot check is held on campus where Special Constable Service provides information regarding safe cycling in the community and a local Cycle shop is in attendance to offer bike inspections and adjustments
- Participated in commuter challenge as a workplace in partnership with Waterloo Region and ranked #1 in the province and 2nd nationally. 2011 marked Laurier's 10th year of participation in Commuter Challenge. Employee participation reached close to 20% showing an increase of over 5% from 2010



## HUMAN RIGHTS & DIVERSITY



- The Human Resources Department started a campus wellness program
- Human Resources included the Laurier Green Guide in online orientation resources



## ACADEMICS



- Several local sustainability organizations were community partners within Laurier's Community Service Learning Centre which provided practical projects for student curriculum
- Hosted a lunch session for all faculty working in areas of sustainability to meet and discuss possible interdisciplinary course in sustainability
- One new sustainability focused course:  
**BU411 Business Strategy for Sustainability**
- Several new sustainability related courses:  
**BI365 Environmental Stress Biology of Plants**  
**GS342 Civil Society, Social Movements and Globalization**  
**PO322 Contemporary Security Issues**  
**PO420 The Politics of Social Policy in an Era of Globalization**



## COMMUNITY



- Several sustainability related organizations have partnered with Laurier Community Service Learning courses

- Laurier International's Solidarity in Action provided Laurier students with programs in Peru and Ecuador on social justice and community development through volunteer work
- A Group of MBA's took first place in the Aspen Institute's 2011 Business & Society International MBA Case Competition for their presentation: "A Bright American Future" for a Chinese-based renewable energy company. The competition is supported by Laurier's CMA Centre for Business & Sustainability and Laurier Net Impact



## OUTREACH



- Published a Green Guide which is included in all new member orientations (students, staff, and faculty)
- The new residence Sustainability Reps council is a peer-to-peer program where residence students carry out initiatives to strengthen sustainability awareness on campus, particularly in residence
- Provide Co-Curricular recognition to its student volunteers
- The 25,000 Sheets Campaign was held to substantially reduce the amount of paper consumed at Laurier Brantford by encouraging faculty, staff and students to use electronic technology, ie. email, mylearningspace and other electronic media for the dissemination of course outlines, assignment requirements and other information
- The Brantford EcoHawks partnered with One Change on their fuel efficiency initiative by providing free tire pressure gauges to the community



## NEXT YEAR

- Multi-disciplinary Sustainability Option available to all undergraduate students
- Natural landscaping and rainwater harvesting project
- Outfit two more buildings with departmental central recycling and composting centres
- Student internship positions with the Laurier Sustainability Office
- Water filling stations throughout campus
- Covered and secured bike storage
- Expansion of public area central recycling centres
- Occupancy sensors in custodial and trades closets
- Furniture and equipment reuse program in residence
- Capture and set targets for GHG emissions
- Offer discounted bus passes to Staff and Faculty
- Expand carpooling services through sophisticated online database

### SUSTAINABILITY OFFICE

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