



Fleming College

Annual Sustainability Report

2013 - 2014

YEAR IN REVIEW

Tony Tilly, President Fleming College

In June, 2013 Fleming College's Board of Governors approved our first corporate Sustainability Plan (2013-2018). This plan furthers the commitment made when we signed the ACCC Protocol for Sustainability (2009) and included "Leading in Sustainability" as one of our six strategic goals. The development of a comprehensive plan that guides our operations, curriculum and administration is a significant step forward in our journey towards a more sustainable Fleming College. The plan also builds on the great work already underway at Fleming. Faculty, staff and students have all contributed to a history of success that includes being the first college in Canada to ban the sale of bottled water, loading printers and copiers with 100% recycled content paper, and achieving bronze rating using the Sustainability Tracking, Assessment, and Rating System (STARS). Today, Fleming is leading the way by being one of only four Ontario colleges which has sustainability as a strategic priority and has completed the international STARS benchmarking report.

The newly founded Office of Sustainability is dedicated to ensuring Fleming College's programs and practices demonstrate its commitment to building a sustainable future. A comprehensive Year 1 Action Plan subtitled "Moving from Commitment to Results" was developed to implement the Sustainability Plan, and I am pleased to present this first annual report on the results of our efforts. From moving forward on composting awareness campaigns to making sustainability a focus of the 2014 faculty common block development initiative, we should be proud of all that we have accomplished together towards becoming a Leader in Sustainability!

WHAT IS SUSTAINABILITY?

Sustainability “encompasses human and ecological health, social justice, secure livelihoods, and a better world for all generations”

Association for the Advancement of Sustainability in Higher Education

It represents the need to balance economic, environmental, and social needs, such that one area is not pursued at the expense of the others.

WHAT IS OUR SUSTAINABILITY ASPIRATION?

Fleming recognizes that sustainability is a continual journey, one that will be full of successes and challenges. As we work towards a more sustainable college, we aspire to be described in the following manner:

“Fleming College’s programs and practices demonstrate its commitment to building a sustainable future socially, economically, and environmentally for students, staff and the wider community.”

OVERVIEW OF NUMBER OF ACTIONS COMPLETED, UNDERWAY, DEFERRED

The implementation strategy for our corporate sustainability plan involves the creation of annual action plans. Our Year 1 Action Plan included 52 actions spread across our six sustainability plan goals. Due to the timing, our Year 1 Action Plan covered only 7 months in order to line up with our fiscal year end in March. Here’s how we did:

- 28 actions complete
- 18 actions underway
- 6 actions cancelled or deferred to next year

HIGHLIGHTS - YEAR 1 ACTION PLAN ACHIEVEMENTS

GOAL 1 - Increase awareness and understanding of sustainability

- Launched the Office of Sustainability webpage as the “go-to” resource for sustainability at the College
- Opened the Office of Sustainability with staff and student workers dedicated to implementing Sustainability Action Plans at all campuses
- Created an inventory of Fleming sustainability initiatives to date which identified over 30 initiatives across all campuses
- Held *Action Plan* engagement events at Sutherland, Frost and Haliburton campuses (and online) to create awareness of Fleming’s sustainability activities and gather ideas from students, staff and faculty
- Published articles in Fleming Zone, SH101 (student publication) and Fleming Ties



GOAL 2 - Incorporate sustainability into the student experience

- Re-launched the Frost campus Bike Loan program providing free bikes for students and staff
- Began planning for a Community Garden at Sutherland campus' residences – targeting summer 2014 opening
- Created a new Academic Task Force with faculty and staff from across the College who have provided guidance to the Office of Sustainability on:
 - creating a video highlighting faculty leadership on sustainability that was shown as part of a sustainability presentation delivered to close to 120 **faculty**
 - creating a proposal for a new General Education course: "Sustainability: Practical Knowledge and Innovative Solutions"
- Incorporated sustainability outcomes and activities into Fleming's new student co-curricular record
- Included sustainability outcomes in the program review and curriculum renewal templates
- Delivered sustainability related workshops, employer panels, and showcased sustainability-focused curriculum examples as part of the 2014 common block development Professional Development week.

GOAL 3 - Reduce negative environmental impacts of Fleming operations

- Completed 7 energy conservation projects including upgrading to more energy efficient lighting in the Frost campus greenhouse and installing more efficient motors on several Sutherland campus air handling units
- Completed waste audits for Frost and Sutherland campuses determining total waste generated and total waste diverted from landfill
- Developed and implemented "Get Caught Composting" Program at Sutherland campus to promote increased composting



Borrow a Bike
for up to 24hrs!
Sign Out at the BioCommons
Service Desk

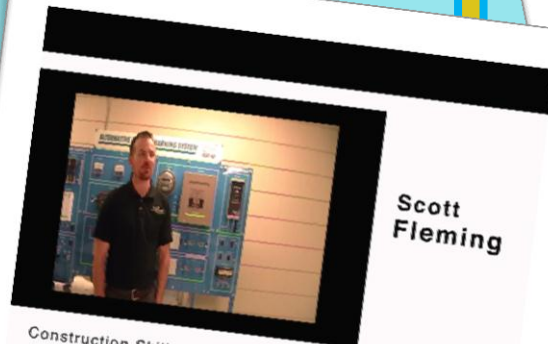
Frost
BIKE LOAN
Program

Lock Supplied

Bring a helmet and
closed toe shoes

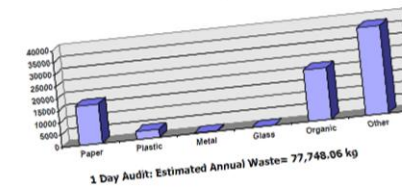
Brought to you by...

The Frost Sustainable
Campus Initiative
and you!

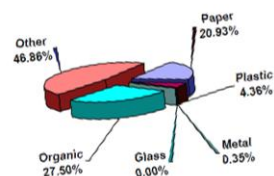


**Scott
Fleming**

Coordinator
Construction Skills and Carpentry Apprenticeship Programs



Audited Waste Composition 2013



GOAL 4 – Improve the well-being of Fleming students, staff, and the communities we serve

- Participated as member of the Sustainable Peterborough Steering Committee. Sustainable Peterborough is a regional sustainability plan covering 11 municipalities and 2 First Nations
- Maintained membership in Sustainable Peterborough Partnership Program – providing updates on college sustainability initiatives
- Assisted in LEED for Existing Building certification process for Peterborough Sport & Wellness Centre by completing 5 related research projects as a springboard for ongoing applied student projects to support Sustainable Peterborough

GOAL 5 - Collaborate on sustainability initiatives

- Connected faculty across schools through the Academic Task Force and through hosting meetings between skilled trades and the Haliburton sustainable building program.
- Participated in sharing of experiences and best practice through Ontario Colleges and Universities Sustainability Professionals group

GOAL 6 – Utilize sound business analysis for sustainability initiatives

- Added sustainability criteria to Fleming's capital expenditure application process
- Established baseline quantities and costs for energy use, water use, paper use, and waste generation (Frost & Sutherland campuses)



BASELINE DATA & PERFORMANCE

Fleming's Sustainability Plan established a number of quantifiable metrics and targets. Below a few of those targets along with the baseline determined during the year. In future years we'll begin reporting on our progress.

Metric & 2018 Target	Baseline
Reduce energy consumption per square foot by 15%	36.46 ekWh/sq.ft.
Reduce water consumption per square foot by 10%	0.0442 m3/sq.ft.
Reduce total amount of paper used by 30%	8,902,302 sheets (2013)
Increase number of sustainability focused & sustainability related courses to 50%	27% (2013)
Percentage of Fleming students participating in community based learning (as part of their curricular and co-curricular experience)	14% (2013)
Increase the percentage of local/sustainable content in food provided by 3rd party food service provider to 40%	28% (2013)

LINKS TO MORE INFORMATION

Interested in learning more about Fleming's sustainability efforts? Check out the following links:

- Office of Sustainability webpage
<http://flemingcollege.ca/services/office-of-sustainability>
- Sustainability Plan
<http://flemingcollege.ca/i/pages/sustainability-plan-2013-18.pdf>
- Sustainability Plan – 2 Page Overview
<http://flemingcollege.ca/i/pages/sustainability-plan-overview.pdf>
- Year 1 Sustainability Action Plan
<http://flemingcollege.ca/i/pages/sustainability-action-plan-2013-14.pdf>

Special thanks to the Sustainability Steering Committee for the support and guidance in the creation and ongoing implementation of Fleming's Sustainability Plan.

“Leave the world better than you found it, take no more than you need, try not to harm life or the environment, make amends if you do.” Paul Hawken, *The Ecology of Commerce*