



**WE ARE
BUILDING A
BETTER
TOMORROW**

**OFFICE OF SUSTAINABILITY
REPORT 2015-2016**



HUMBER
Office of Sustainability

AS A COLLEGE, WE ARE A CENTRAL PLACE TO SHAPE THE FUTURE OF SUSTAINABILITY.

We are pleased to present the accomplishments of Year 2 of the [Humber Sustainability Plan 2014-2019](#). This document summarizes the progress we have made on the targets and goals of the plan between April 2015 – March 2016.

CONTENTS

PURPOSE + VISION	1
CORE PRIORITIES	1
SUSTAINABILITY PLAN + FRAMEWORK 2014 - 2019	1
PILLARS	1
CAMPUS FOOTPRINT	2
LEARNING	5
ENGAGEMENT	6



OUR VISION: SUSTAINABLE IN EVERYTHING WE DO.

PURPOSE

In the Humber Sustainability Plan 2014-2019 we committed to reporting annually to outline the progress made towards all the objectives, targets and metrics defined within the plan. The plan and annual reporting was developed to satisfy the following success outcome outlined in [Humber's Strategic Plan 2013-2018](#).

WE'RE BEING RECOGNIZED!



In 2013 achieved a STARS Silver rating. At that time, we were the first college in Ontario and the third in Canada to achieve a Silver level. We will be re-certifying STARS in the Fall 2016.



In 2015 we were recognized as a Gold level Smart Commute Workplace for our campus sustainable commuting programs.

CORE PRIORITIES

CAMPUS FOOTPRINT

To reduce our major impacts and be environmental stewards



LEARNING

To ensure sustainability is a learning outcome for all students



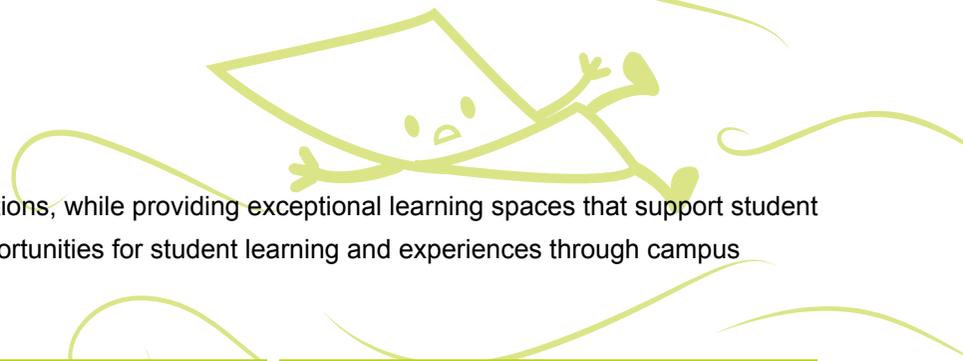
ENGAGEMENT

To create a safe and healthy campus by encouraging a culture of sustainability



This report highlights the progress we have made in Year 2 on the objectives and targets of each of the individual areas within the three core priorities. To see the full framework and understand how we developed the core priorities, please take a look at the [full plan](#).

CAMPUS FOOTPRINT



The Office of Sustainability's objective is to reduce the environmental impacts of campus operations, while providing exceptional learning spaces that support student success. Develop connections between programs and campus operations to create unique opportunities for student learning and experiences through campus improvement and/or development projects.

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
RECYCLING AND WASTE MANAGEMENT	To reduce the volume of waste generated and sent to landfill as a result of campus operations	<p>A: Increase waste diversion from 42% (2012/2013) to 70% by 2018/2019.</p> <p>B: Demonstrate ability to reduce overall waste generated on campus by 2018/2019</p>	<ul style="list-style-type: none"> • Increased Diversion rate from 54% (2014) to 55% (2015) • Reduced overall Waste generated: 1,067 MT (2014) and 1,006 MT (2015) • Created campus wide energy and paper use marketing campaign with students through AdCentre • 49MT furniture was donated to local charities, or recycled if broken • One of the top campus collectors for Textbooks for Change
SUSTAINABILITY TRANSPORTATION	To help students, staff and faculty reduce the impact our transportation has on our local communities.	<p>A: Decrease single-driver vehicles coming to campus and increase travel to campus by transit, carpooling, biking and walking</p> <p>B: Reduce traffic and parking congestion on campus</p>	<ul style="list-style-type: none"> • North Campus staff/faculty: 5% reduction in single drivers and 1% increase in public transit use since 2013 • Lakeshore Campus staff/faculty: 2% reduction in single drivers and 16% increase in public transit use since 2013 • Majority of students primarily take public transit to both North and Lakeshore campuses (no change from 2013) • Introduced sale of Post-secondary TTC Pass on campus (in bookstore) • Awarded Gold Smart Commute Workplace 2015 & 2016

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
<p>ENERGY AND CLIMATE CHANGE</p>	<p>To reduce the energy needs required and the carbon emissions created by the college. Be one of the most energy efficient post-secondary institutions in Canada</p>	<p>A: Reduce total energy use by 40% by 2018/19 (using 2005/06 baseline). 50% reduction by 2023/24.</p> <p>B: Reduce Scope 1+2 CO2 emissions intensity by 40% by 2018/19 (using 2005/06). 50% reduction by 2023/24.</p> <p>C: Begin tracking Scope 3 CO2 emissions</p>	<ul style="list-style-type: none"> • 14.6% reduction in total building consumption per square foot since 2005 • Completed GHG inventory • 36% reduction in Scope 1 & 2 GHG emissions per weighted campus user since 2005 • Hired energy manager • LED lighting conversions GH Lounge & Atrium, Carrier Drive Corridors, North Campus Exterior Lighting, and Lakeshore Cottages • Voltage Regulator installed in North Campus Residences R&T • Began the development of an Integrated Energy Management Plan
<p>GREEN BUILDINGS AND LANDSCAPE</p>	<p>To be recognized as a leader in building flexible, multi-use spaces which are sustainable in construction, and that enhance a connection to and care for the surrounding environment.</p>	<p>A: All new buildings and major retrofits are built to LEED Silver standards or higher</p>	<ul style="list-style-type: none"> • All new buildings will meet an energy use intensity (EUI) of 100kWh/ft2 which is 66% less than the Humber building average • In Fall 2016 opened Lakeshore Campus Welcome Centre and Athletics Centre both designed to LEED Silver • New LRC building achieved LEED Gold
<p>WATER</p>	<p>To reduce the water use required by the college. Be one of the most water efficient colleges in Canada.</p>	<p>A: Reduce total water use per full time student equivalent (FTE) by 40% by 2018/19 using 2005/6 baseline. 50% reduction by 2023/24</p> <p>B: Reduce the sale of water bottles on campus by 2018/19</p>	<ul style="list-style-type: none"> • 50% reduction in potable water use per weighted campus user (or 38% reduction per unit floor area) since 2005 • 16% reduction in total water use per acre of vegetated groups since 2005 • Continued replacements of water refill stations (over 100 in total) across both campuses, saving over 1.2 single use plastic bottles since 2013

PRIORITY

OBJECTIVE

TARGETS

PROGRESS

PURCHASING AND ETHICAL SOURCING

To minimize the negative environmental, social and economic impacts of the college's purchasing practices by embedding sustainability into existing sourcing procedures, supplier evaluation criteria and procurement decisions.

A: All printing/copy paper purchases are 100% FSC certified and 100% Post-Consumer Waste (PCW) by 2018/2019

B: Increase percentage of sustainable food on campus

- Presented a paper use reduction campaign across campus
- Held events to educate campus users about Fairtrade products, and where to find Fairtrade coffee on campus
- Have one Fairtrade coffee option at all non-branded coffee retail locations across North and Lakeshore campuses



2016 Humber Sustainability Award Recipient: Jem Cain, who led the introduction of the program Textbooks for Change to the college. Humber became one of the top five collectors of all Ontario Campuses in Fall 2015, collecting 1,224 textbooks in 4 months.



LEARNING

The Office of Sustainability's objective is to lead the integration of sustainability concepts into teaching and learning inside and outside the classroom.

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
CURRICULUM INTEGRATION	To demonstrate educational leadership by embedding sustainability into teaching and learning on campus.	A: Develop sustainability learning outcomes for all programs B: Increase the number of courses that are Sustainability Related (SR) or Sustainability	<ul style="list-style-type: none">• Held the first CTL Community of Practice session on Sustainability – Lakeshore campus (March 2016)• Completed a sustainability course survey with program coordinators (covered 1/3 of all Humber courses)
LEARNING OUTSIDE THE CLASSROOM	To (1) embed sustainability into student life and campus culture (2) demonstrate leadership in sustainability through co-curricular programming (3) engage students outside the classroom in conversations and learning about sustainability.	A: Increase students, staff and faculty engagement in sustainability on campus	<ul style="list-style-type: none">• Installed Humber Bee hives at North and Lakeshore campuses• Run Annual Humber Earth Week with included events such as: Fairtrade coffee giveaway, film screening with panel of "This Changes Everything" and Campus Clean up
RESEARCH	To support best practices in research projects related to sustainability.	A: Track the number of research projects that are related to sustainability	<ul style="list-style-type: none">• Saved paper by moving research project application process online

ENGAGEMENT

The Office of Sustainability's objective is to develop a culture of sustainability on campus which promotes engagement, health, safety, social equity, and wellbeing.

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
SOCIAL EQUITY AND WELLBEING	To (1) support and advance diversity and affordability on campus, (2) promote equality, (3) champion innovative thinking and programs and services to heighten human rights and diversity awareness, and (4) support work-life balance, physical and mental health and wellness, and safety.	<p>A: Increase number of people that attend Center for Human Rights and Equity workshops, and complete training for Mental Health.</p> <p>B: Strong Health and Safety awareness and programs</p>	<ul style="list-style-type: none"> • 3,993 participants (students & employees) in 39 education and training sessions enhancing diversity and inclusion throughout the college • 124 employees participated in Humber's Mental Health First Aid workshops
OUTREACH, AWARENESS AND COMMUNICATION	Humber has integrated sustainability into all areas of the institution, and Humber Sustainability is the hub for information, initiatives and programming for sustainability on campus.	<p>A: The Humber community knows what sustainability means and how the college has embedded it into the Humber experience</p> <p>B: Have a Green Ambassador/Team in every school and business unit of the college</p> <p>C: Track on a college-wide basis community service hours conducted by students, staff and faculty</p> <p>D: Continue to advance Humber's contributions to the community</p>	<ul style="list-style-type: none"> • Redesign Humber's Office of Sustainability website • Humber's Annual Earth week • Dedicated Office of Sustainability screen launched in LRC • New sustainability committees broadened reach across the college • Increased social media following (Twitter 850 to 989; Instagram 67 to 105) • Website views increased to 14,566 • Mailing list increased to 1,614 (student); 371 (staff) • Held the first annual Vegetarian Awareness Day (Oct 2015)
INVESTMENTS	To ensure that Humber College seeks investments that promote sustainability – socially and environmentally responsible, ethical, impact and mission-related investments.	<p>A: To develop social and environmental criteria for investments by 2018/2019 that are included as screens when Humber makes strategic investments in industries, businesses, funds, and communities</p>	<ul style="list-style-type: none"> • The Board of Governors now requires all investments comply to ESG (environmental, social and corporate governance) principles

WE ARE SUSTAINABILITY

sustainability@humber.ca

Office D134, North Campus

Environmental impact savings: This publication only comes in PDF format.



HUMBER

Office of Sustainability

humber.ca/sustainability

  @SustainHumber

 Office of Sustainability

