

WE ARE FUTURE FOCUSED

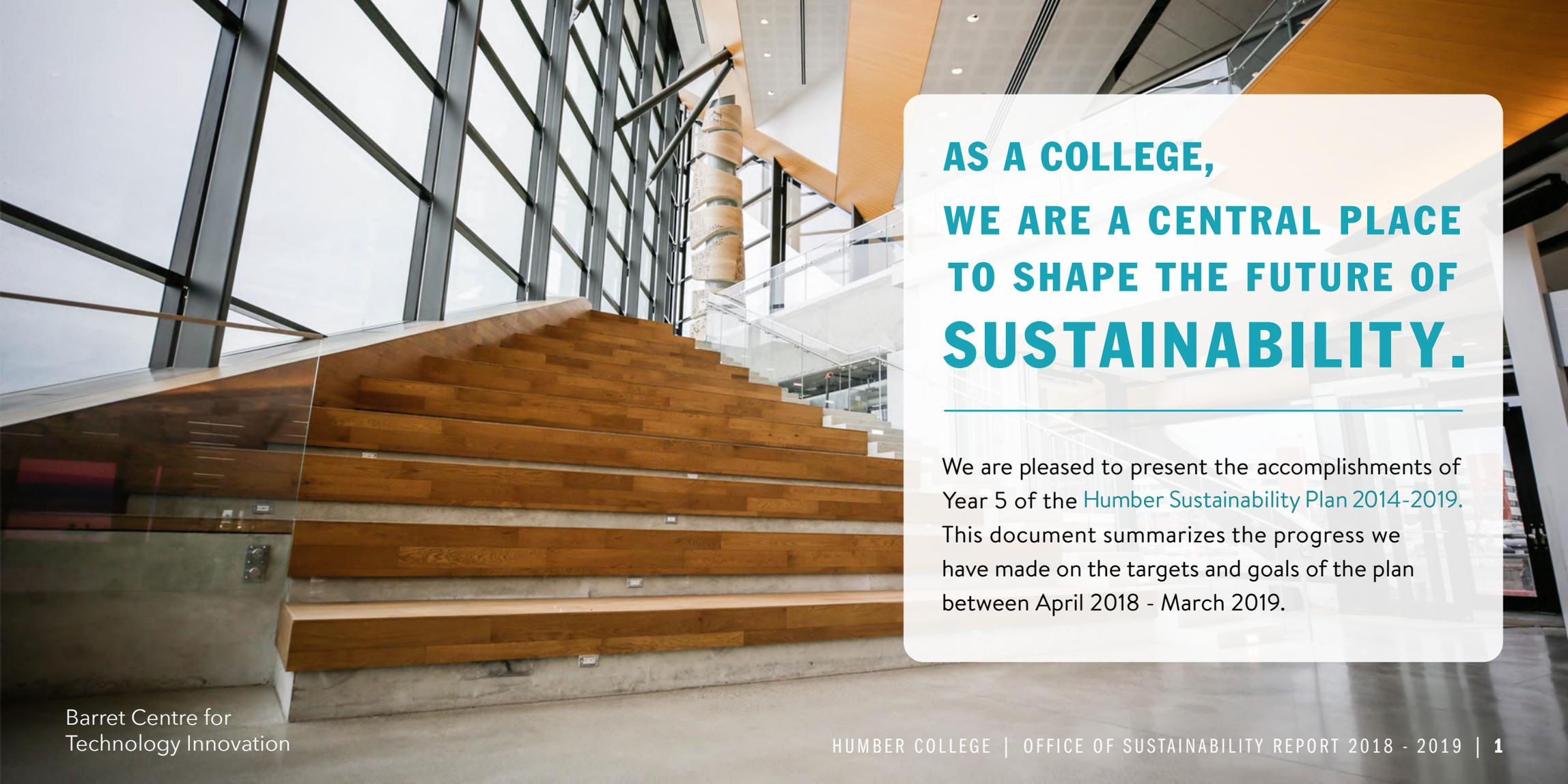
2018 - 2019 OFFICE OF SUSTAINABILITY ANNUAL REPORT



HUMBER
Office of Sustainability

BARRETT CENTRE FOR TECHNOLOGY INNOVATION



A photograph of a modern building interior. In the foreground, a wide staircase with wooden treads and concrete risers leads up. The background features a large glass facade with a spiral staircase and a wooden ceiling. The overall atmosphere is bright and contemporary.

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

We are pleased to present the accomplishments of Year 5 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 2018 - March 2019.

VISION | Sustainable in everything we do.

CORE PRIORITIES

In 2018/2019 we continued our progress towards the objectives and targets of the three core priorities within the plan. The full framework and how we developed the core priorities can be seen in the strategic [plan](#).



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.

RECOGNITION



- In 2019 we were named one of Canada's Greenest Employers for the fourth year in a row.
- Humber is the first college in Ontario to have multiple campuses, Lake shore and now North campus, Fair Trade designated.
- Humber was the first public college in Canada to adopt the Okanagan Charter.
- Humber College was a finalist for the 2018 Nature Inspiration Awards.

Commuter Hub



CAMPUS FOOTPRINT | To reduce our major impacts and be environmental stewards.

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.	A: Increase waste diversion from 42% (2012/2013) to 70% by 2018/2019. B: Demonstrate ability to reduce overall waste generated on campus by 2018/2019.	<ul style="list-style-type: none">• Diversion rate of 66%.• Overall Waste generated: 2,105 MT (2017) and 2,300 MT (2018).• 52.62 MT of building fixtures and material were diverted from the landfill, 16.55 MT were donated to local charities, and 33.89 MT was recycled if broken.• Textbooks for Change – We collected 4,684 textbooks; 1,125 were donated to East Africa, 1,632 were affordably repurposed and 1927 were recycled. In total, we were able to help divert 11,565 lbs of waste from landfills and save 139 trees through sequestered greenhouse gas emissions.
Sustainability Transportation	To help students, staff and faculty reduce the impact our transportation has on our local communities.	A: Decrease single-driver vehicles coming to campus and increase travel to campus by transit, carpooling, biking and walking. B: Reduce traffic and parking congestion on campus.	<ul style="list-style-type: none">• 374 TTC discount photo passes were sold at North Campus.• Continued strategic planning for Metrolinx LRT to North Campus.• Opened 16 new Electric Vehicle (EV) charging stations in the Commuter Hub, bringing our total up to 20 EV charging stations.

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
Energy and Climate Change	<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 40% by 2018/19 (using 2005/06). 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"> • 17.4% reduction in total building consumption per square foot since 2005. • 32.3% reduction in Scope 1 & 2 GHG emissions per weighted campus user since 2005. • Humber implemented Phase 2 of its Integrated Energy Master Plan, this included: optimizing operation of several buildings on campus.
Green Buildings and Landscape	<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"> • A major renovation to Building NX will see a 70% reduction in energy use that will help reduce the College's greenhouse gas emissions. • Construction of a new 6 storey parking garage with 700kW of Solar Panels, covering the roof. This is the largest installation of solar on any one building at any academic institution in the province. • Completed the new Barrett Centre for Technology Innovation which is built to achieve LEED-Platinum certification and is a net-zero energy building, offset by solar panels on the Commuter Hub (the new parking garage).

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
Water	To reduce the water use required by the College; be one of the most water efficient colleges in Canada.	<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"> • 61% reduction in potable water use per weighted campus user (or 48% reduction per unit floor area) since 2005. • Completed a water savings project which includes replacing urinals, upgrading toilets, faucets and showers. • Water refill stations across both campuses, saved well over 6.5 million single-use plastic bottles since 2013.
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.	<p>A: All printing/copy paper purchases are 100% FSC certified and 100% Post-Consumer Waste (PCW) by 2018/2019.</p> <p>B: Increase percentage of sustainable food on campus.</p>	<ul style="list-style-type: none"> • Humber is the first college in Ontario to have multiple campuses, North and Lakeshore, Fair Trade designated. • Collaborated with Mohawk College, the Government of Ontario and The Greenbelt Fund to increase local food availability in Ontario Colleges. • Created an art installation of a whale tail filled with single-use water bottles, to help the campus community visualize the size of the plastic waste problem. • Created a "cup mountain" display made of 1000 paper coffee cups collected from campus to encourage individuals to use reusable mugs. • In September 2018, Humber was the first public college in Canada to adopt the Okanagan Charter. • Soupbar launched in September 2018 in partnership with Humber College and Feed it Forward to provide nutritious meals to students on a pay-what-you-can model.

**“WE WANT TO BE THE HEALTHIEST
CAMPUS IN CANADA.
ADOPTING THE OKANAGAN
CHARTER IS AN IMPORTANT STEP
TOWARD REACHING
THAT GOAL.”**

Dr. Chris Whitaker
President & CEO, Humber College



**HUMBER COLLEGE ADOPTS
THE OKANAGAN CHARTER**

On October 2, 2019 Humber College adopted the Okanagan Charter for Health Promoting Universities and Colleges signaling and solidifying our commitment to the following:

- We will infuse health and sustainability into the decisions we make, expanding our focus on the success and well-being of our students, employees, community and environment.
- We will continue to cultivate a rich and diverse learning and working environment as we recognize that diversity is our strength.
- We will continue to respect the primary importance of Indigenous cultural foundations and the principles of mutual respect, inclusion and community engagement.

Chris Whitaker
Dr. Chris Whitaker
President & CEO
Humber College
Institute of Sustainability & Advanced Learning

Meelca Khosla
Meelca Khosla
President
ICNTE Student Union

**LEAD
TRANSFORM
DIFFERENTIATE**
Humber.ca/sustainability-plan

HUMBER



LEARNING | To ensure sustainability is a learning outcome for all students.

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
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">• Hosted Humber's annual Earth Week in March 2019. Events included a mobile Fairtrade coffee cart, a waste-sorting race, campus cleanups in partnership with WWF and the Great Canadian Shoreline Cleanup, Electric Vehicle test drives with Plug'n Drive, and more.• The Centre of Urban Ecology and the Aboriginal Resource Centre conducted joint restoration activities in the Arboretum and maintain the Medicine Wheel Garden.• Humber students participated in the 2nd annual WWF Canada's Designing Change for a Living Planet competition and designed innovations to address plastic pollution.
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">• Through partnerships with City of Toronto's Park, Forestry and Recreation Department, Toronto and Region Conservation (TRCA), and Humber College's Department Faculty of Applied Research & Innovation, the Arboretum was involved in important research projects and conservation initiatives.

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
<p>Curriculum Integration</p>	<p>To demonstrate educational leadership by embedding sustainability into teaching and learning on campus.</p>	<p>A: All printing/copy paper purchases are 100% FSC certified and 100% Post-Consumer Waste (PCW) by 2018/2019.</p> <p>B: Increase percentage of sustainable food on campus.</p>	<ul style="list-style-type: none"> • For the fourth year in a row, the Public Relations post-graduate certificate students ran a waste themed vendor fair entitled "Gone With The Waste" to create awareness on the issue of waste. Approximately 400 students, staff, faculty and community members attended. • The Centre of Urban Ecology began revitalizing Humber's Pond and multiple programs were involved in design, building and monitoring of the project. Phase 1 of the project is currently underway. • The Institutional Learning Outcomes Framework, which includes a sustainability mindset, was finalized.



“HUMBER CONTINUES TO LEAD THE WAY BY INVOLVING ITS STUDENTS AND STAFF IN INITIATIVES THAT DIRECTLY BENEFIT FARMERS AND PRODUCERS IN THE GLOBAL SOUTH AND STRENGTHEN ENVIRONMENTAL PRACTICES IN THESE COMMUNITIES.”

Sean McHugh
Executive Director, Canadian Fair Trade Network



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

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 worklife balance, physical and mental health and wellness, and safety.	<p>A: Increase number of people that attend Centre 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"> • 10,702 participants (students & employees) in 74 education and training sessions enhancing diversity and inclusion throughout the college. • Over 10,000 Humber community members participated in 74 education and training sessions to deepen the College’s understanding of equity, diversity and inclusion.
Investments	To ensure that Humber College seeks investments that promote sustainability – socially and environmentally responsible, ethical, impact and mission-related investments.	<p>A: 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"> • No changes occurred.

PRIORITY	OBJECTIVE	TARGETS	PROGRESS
<p>Outreach and Awareness</p>	<p>Humber has integrated sustainability into all areas of the institution, and Humber's Office of Sustainability is the hub for information, initiatives and programming for sustainability on campus.</p>	<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"> • Increased social media reach: Twitter 1377; Instagram 860; Facebook 267 followers. • Website views increased by 54%. • Mailing list increased to 2109: 1696 (student); 413(staff). • 7th annual Vegetarian Awareness Day in October 2019 in partnership with the Nutrition & Healthy Lifestyle Promotion program to showcase student's term assignments. • Multiple workshops related to sustainability in academics, Fairtrade, travel and fashion were offered at Humber's annual Showcase conference.



HUMBER LEARNING RESOURCE COMMONS

WE ARE
SUSTAINABILITY



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