



Sustainability
CARLETON UNIVERSITY



Carleton
UNIVERSITY

SUSTAINABILITY GUIDE

at Carleton University



Sustainability Tour

1 Health Science Building

The Health Sciences Building is designed to foster interdisciplinary collaboration between the neuroscience and health science programs. The building is designed to achieve a rating of 4 Green Globes. Features include an open-concept research laboratories, an animal vivarium, and a bird safety window film designed to deter birds from flying into reflective glass.



2 Richcraft Building

The Richcraft Building is located alongside the scenic Rideau River and has been awarded a 4 Green Globes rating for building sustainability. The building itself features an accessible green roof with native and drought resistant planting, highly efficient passive solar lighting through the use of skylights and curtain wall systems, low-flow water saving fixtures in washrooms and a spectacular three-story living green “bio” wall.



3 Northern Nomad Tiny House

The Northern Nomad Tiny House is an innovative 220-square-foot house designed and built by Carleton architecture and engineering students as a fourth-year capstone project. The tiny house is an energy and water autonomous house that aims to produce a net-zero carbon footprint. Features include Tesla lithium ion batteries, roof-mounted solar panels, a heat pump to provide heating and cooling to the interior spaces, and an atmospheric water generator to harvest water from humid air.



4 Canal Building

The Canal Building is home to the Bachelor of Engineering programs in Aerospace Engineering, Architectural Conservation and Sustainability Engineering, and Sustainable and Renewable Energy Engineering. The building was awarded a 5 Green Globes Rating, the highest rating awarded. Features include a 10 kWh array of 25 rooftop solar panels, a green roof with native and drought resistant planting and an energy display screen in the foyer.



Green Globes is an internationally recognized, third-party, certification and building environmental design and management tool allowing for the evaluation of project management, energy consumption, site use, space and water optimization and waste management.



5 Residence Commons

Residence Commons is at the heart of residence life. It was awarded a 4 Green Globes rating for building sustainability. The building includes features such as low-flow water saving fixtures, high-efficiency lighting with light controls and optimal amounts of natural light penetration. In addition, the building is home to an interactive energy display screen, showing live energy data.

6 ARISE

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7 H.H.J. Nesbitt Biology Building

The H. H. J. Nesbitt Biology Building is made up of climate-controlled greenhouses that contain one of the finest collections of plants for teaching and scientific study in Canada. This facility is used for research, teaching and display to the general public. The greenhouses hold a comprehensive plant collection of several thousand specimens. The display houses are open for public viewing weekdays between 9:00 a.m. – 4:00 p.m.



In addition, the Carleton University Biology Department hosts its annual Butterfly Show releasing over 1300 live exotic butterflies into the Nesbitt Biology building greenhouses. The Butterfly Show is a free event open to the public.

8 The C-RISE House

The Carleton Research and Innovation in Sustainable Energy (C-RISE) is a two-storey solar-powered house perched on a low hill at the north end of Carleton's campus. The building uses solar thermal energy, seasonal thermal storage, and provides a test bed for various innovative concepts with the aim of reducing overall energy demands and greenhouse gas emissions in the Canadian residential sector.



Sustainable Initiatives

WASTE MANAGEMENT

Waste and Recycling

Carleton University is committed on working towards increasing waste diversion in all operations. Carleton University's extensive waste reduction and recycling program initiatives include: the introduction of 4-stream recycling stations, waste diversion walls, construction and demolition waste diversion, donation bins, electronic waste collection stations, and the 'Say No Thanks To Straws' program.

There are two Certified Zero-Waste facilities on campus: *the caf* and the Food Court. 'Zero-Waste' status indicates 90% or more of total waste is being diverted away from landfill.

See our Waste Management Guide on how to responsibly recycle on campus.

Donation Bins

Donate unwanted clothing items at the Canadian Diabetes Association Clothesline Program. These red bins are located within residence.

Lug-A-Mug Program

Save money and a cup by bringing your re-usable travel mug every time you purchase a drink. You can also purchase a Ravens Coffee Co. mug for only \$1 from Tunnel Junction, Food Court, Loeb Cafe, and Bent Coin.



The Lug-a-Mug program provides customers discounts for bringing their own travel mug at the following locations:

- 75 cents off coffee & tea in GSA Lounge
- 40 cents off at Rooster's Coffeehouse
- 25 cents off coffee & tea at Tim Hortons, Starbucks & Second Cup
- 25 cents off coffee & tea at all Dining Services vendors

Electronics Drop-Off Stations

Hardware Services operates the E-Waste Recycling Program and provides an environmentally friendly and secure disposal of e-waste free of charge.

Larger e-waste products such as computer monitors, keyboards, and printers can be dropped off at 1251 Herzberg, between 9:00 a.m. – 3:30 p.m. Additionally, e-waste can be sent by internal mail to Sustainability, FMP Stores, Maintenance Building.

Electrobac E-Waste Stations

Recycle your e-waste such as chargers, cables, peripherals (e.g., memory cards, etc.), small electronics (e.g., cell phones, charges, and cartridges). These bins do NOT accept batteries, light bulbs, VHS, and cassettes.



These bins are located at:

- 1st Floor Athletics Centre
- 4th Floor University Centre (adjacent to entrance to Roosters)
- 2nd Floor Residence Commons

Textbooks for Change

Donate your used textbooks published in the last 15 years in the Textbooks for Change bins. Textbooks for Change will donate your textbooks to partner campuses, resell them at affordable prices, or recycle any out-of-date, damaged, or unusable textbooks.

Donate your used textbooks at:

- 4th Floor MacOdrum Library
- 1st Floor MacOdrum Library
- 5th Floor Richcraft Building



TRANSPORTATION

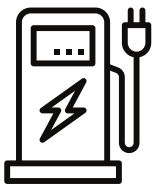
Secure Bike Storages

Carleton University offers several open bicycle racks in convenient locations throughout the campus and secure bicycle storage compound located underneath the pool deck at Athletics Building. The secure bicycle compound allows you to lock your bicycle in an access controlled facility.

Access passes are available through **Parking Services**. You can register to use the compound by creating a profile on the Parking Services online registration system, **ParkAdmin**.

EV Charging Station

There are designated Electric Vehicle (EV) charging stations located across campus where staff, students and faculty can charge their electric and hybrid vehicles.



- 2 spaces in P9 (Admin Garage), Level 2
- 2 spaces in P16, Level 1
- 1 space in Library Garage, Level 1

Car-Share Program

Parking Services has partnered with **zipcar** and **Communauto** to make car-sharing available on campus. Car-sharing is a service that provides its members with access to a fleet of vehicles on an hourly basis.

Members can reserve a vehicle online or by phone, choose the nearest vehicle station based on their specific need and then simply drive away in the registered vehicle. Conveniently, vehicles are located on campus at **Lot P4 (near the O-Train Station)**.

Bike Repair Stations

The bike repair station is located on the north side of the Architecture building. The station includes all the tools necessary to perform basic repairs and maintenance. This allows bike commuters to do any quick fixes, like changing a flat tire, before heading home for the day.

Bicycle Registry

Campus Safety Services has partnered with Crime Stoppers to promote Ottawa's first bicycle registry program through Ottawa Police: **529 Garage**.

529 Garage is a bicycle registration program that connects bike riders with each other with the common goal of preventing and addressing bicycle thefts. Register your bike in Campus Safety Services' free bicycle registry. In the event that your bike is stolen, this data will be used to assist in returning your bike. Register your bike at project529.com/ottawapoliceservice.

Sustainable Initiatives

COMMUNITY STRATEGIES

Food Centre

The Food Centre is a CUSA service centre located on the 3rd Floor, University Centre. They offer a variety of programs with the aim of promoting food security for members of the Carleton campus community.

Users may visit up to a maximum of two times per month and are required to bring their student or alumni card (or other identifying information), in addition to plastic bags and egg cartons in order to pick up their emergency assistance hamper. The Food Centre also runs food drives and other initiatives and events to support the Ottawa Food Bank, and increase awareness of food security and poverty issues in our community.

Good Food Box Program

The Ottawa Good Food Box program, which works with local farmers to provide students with \$5, \$10, \$15, or \$20 boxes of fresh produce for a significantly reduced cost compared to retail. The program delivers affordable boxes of delicious and nutritious vegetables and fruits to 40 neighbourhood locations throughout Ottawa once a month.

You can order ottawagoodfoodbox.ca and pick it up at Food Centre, 3rd Floor, University Centre in the 3rd week of the month.



Fair Trade Locations

As a Fairtrade Certified Campus, Carleton University works towards the promotion and availability of Fair Trade products.

You can find Fair Trade products at all non-franchise locations including the caf, Food Court, Tunnel Junction, Bent Coin, Loeb Café, Bakers Grill, Catering, and Rooster's Coffeehouse.



Energy Dashboards

Within all of our residences you will find Lucid Energy Dashboards that display residence energy use and waste consumption. The Canal Building is also home to an energy display screen.

In addition to the live energy data, the screens display sustainability facts about the university and helpful tips to live a more sustainable lifestyle.

Community Garden

Kitigànensag, Algonquin for "little gardens," is a student-run project that promotes local, organic food production, education and community building. It is a space where members of the Carleton community can come together to grow and enjoy healthy, socially just and sustainable food. The garden is located at the southeast corner of the Nesbitt Building beside the River Field.



Sustainability

CARLETON UNIVERSITY

Carleton University is committed to embedding continuous environmental and sustainable improvement to further enhance performance in all our operations. A commitment to sustainability allows for us to reduce our collective impact while ensuring that both existing and future generations of students, staff and faculty continue to enjoy our unique campus.

CONTACT US

Email: sustainability@carleton.ca

Web: www.carleton.ca/sustainability

Twitter: @CUSustain

Instagram: @SustainabilityCarleton

Facebook: Sustainability Carleton