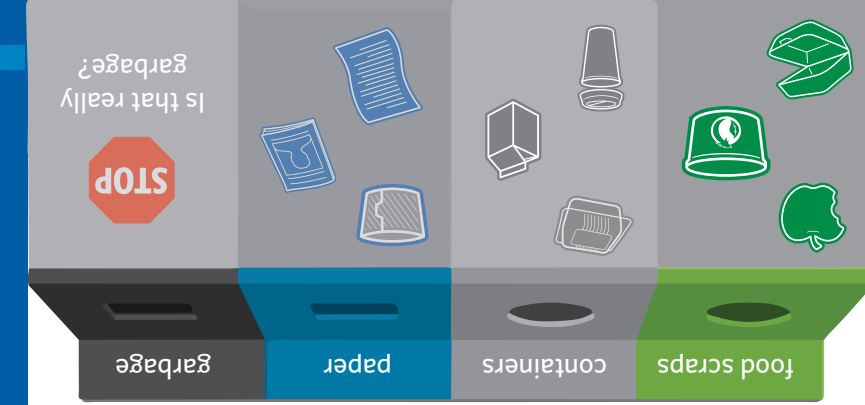


Sort it Out

UBC diverts more than half of its waste from the landfill each year.

We are aspiring to be a zero waste campus. Help us out, Sort it Out.

sustain.ubc.ca/sortout



SUSTAINABILITY FAST FACTS

58 GREEN BUILDING PROJECTS

30% REDUCTION IN ABSOLUTE GHG EMISSIONS SINCE 2007

63% REDUCTION IN WATER USE PER STUDENT SINCE 2000

67% OVERALL WASTE DIVERSION RATE

70% OF TRIPS BY SUSTAINABLE MODES OF TRANSPORT

636 SUSTAINABILITY RELATED COURSES



GreenHeart TreeWalk at the UBC Botanical Garden

Experience UBC's Green Living Lab at the UBC Farm



UBC VANCOUVER CAMPUS

SUSTAINABILITY WALK

THE UNIVERSITY OF BRITISH COLUMBIA
sustainability

STAY CONNECTED

sustain.ubc.ca | @sustainUBC



TIPS

UBC Welcome Centre

The Alumni Centre is the friendly front door for all visitors to UBC's Point Grey campus. Our staff will be happy to answer your questions and offer suggestions for your visit.

Greenheart TreeWalk & Botanical Garden

Explore the forest canopy at the TreeWalk and immerse yourself in Canada's oldest university botanical garden.

UBC Farm

Discover UBC's Green Living Lab, a 24 hectare organic farm, open daily with weekly seasonal farmer's market Saturday mornings.

Free Umbrella Share

Experiencing wet weather on your walk? Umbrellas can be picked up and dropped off at your first stop, The Nest. Umbrellas are located on the main floor, by the south entrance.

SafeWalk

You don't have to walk alone. Call 604-822-5355, and a co-ed team will come to escort you to your destination.

Car Share

UBC has drop off and pick up locations for Car2Go, Evo, and ZipCar.

SUSTAINABILITY MILESTONES

1990

Tailloires declaration signed. UBC makes a global commitment to sustainability.

1998

Adopts a sustainable development policy (first in Canada).

2007

Opens Campus Sustainability Office (first in Canada).

2009

Meets Kyoto Protocol GHG reduction targets 5 years early.

2010

Integrates sustainability as a core pillar in highest level strategic plan .

2011

Sets bold targets to reduce GHG emissions as part of UBC's Climate Action Plan.

2013

Earns designation as Canada's first Fair Trade Campus.

2015

Earns STARS Gold rating (first in Canada).

2016

20 Year Sustainability strategy released.

On track to achieve 33% reduction in GHG emissions from 2007 levels.



1 Alma Mater Society Nest

Sustainability is central at the AMS Nest. The goal is LEED Platinum Certification (the highest Green Building rating in North America). The AMS Nest incorporates over 100 Social, Environmental, and Economic Studies (SEEDS) student-led sustainability projects. Sustainability highlights in the building include solar-powered heating and cooling systems, in-vessel composting facilities, storm water management retention, and a roof-top garden. With numerous cafes and restaurants, the Nest also offers an ideal place to grab a coffee or a quick bite.



2 University Boulevard Water Feature

This unique water feature (previously a parking lot) is designed to collect and filter stormwater runoff. Stormwater is collected and fed into the feature, cleaned through biofiltration, and then stored in a cistern below University Square. The cleaned water is then released into the environment in a more controlled manner, reducing the volume of water and its erosive effects. In recognition of UBC's relationship with the Musqueam people, a 34 foot tall Musqueam Post was added in 2016, and serves as a permanent welcome to all visitors.



3 Chemistry Centre

This heritage building, one of UBC's oldest, now features state-of-the-art labs and lecture theatres. Renovated through *UBC Renew*, this program minimizes the financial and environmental impacts of demolition and reduces the need for new construction. It also preserves the spectacular buildings that give UBC its character and sense of history. Renovating through *UBC Renew* kept 313 tonnes of waste out of the landfill, and saved five million litres of water. High-efficiency lighting and a heat recovery system reduce energy use by 21 per cent annually compared to a standard building.



4 C.K. Choi Building

UBC's first green building, the C.K. Choi Building, set benchmarks worldwide when it opened in 1996. Nearly half of all building materials came from former buildings and streets, including the 400 year-old red bricks from Vancouver's Yaletown neighbourhood and wood beams from UBC's old Armoury. The building utilizes waterless composting toilets, saving 1000 to 1500 gallons of water per day. Potable water is only required for the low flow taps and sinks. The site is irrigated using collected rainwater and recycled greywater from the building.



5 Centre for Interactive Research on Sustainability (CIRS)

UBC's first LEED Platinum certified building, CIRS models regenerative design as it relates to environmental and human wellbeing. The building features wood sourced from pine beetle affected forests and includes a seasonally responsive living wall, solar panels, radiant panel heat ventilation, a green roof and a Solar Aquatics Bio-filter wastewater treatment lab. The waste water on site is collected and treated using naturally occurring processes to reclaim the treated water for toilets and irrigation.



6 Bioenergy Research & Demonstration Facility (BRDF)

Using renewable fuels, BRDF produces steam, electricity, and hot water that is then distributed for use in campus buildings. BRDF was the first project in North America of this scale capable of generating both clean heat and power using biomass, a plant based, carbon neutral alternative to fossil fuels. Research aimed at reducing GHG emissions and fossil fuel consumption is also conducted on site. BRDF has been a key contributor in helping UBC reach its 2015 Climate Action Goal, reducing campus emissions by 14%.



7 Earth Sciences Building (ESB)

ESB features the largest application of cross laminated timber (CLT) in North America, using over 1,300 tons of BC sourced and engineered CLT. Each ton of dry wood products sequesters sufficient carbon to keep between 1.8 and 2.0 tons of CO² from being formed. The wood materials in ESB sequester about 2,600 tons of CO². ESB also features a high efficiency envelope, timber cantilevered staircase, high performance window glazing, thermal energy exchange and a stormwater management system.



8 The Beaty Biodiversity Museum

The Beaty Biodiversity Museum is home to UBC's vast natural history collections and UBC's Biodiversity Research Centre. Explore the vast displays and marvel at the diversity of life with over 500 exhibits. Take a moment to appreciate the blue whale skeleton. The largest creature to ever live on Earth. After viewing the sizable collections, browse the gift shop or grab a snack in the Niche Cafe.

