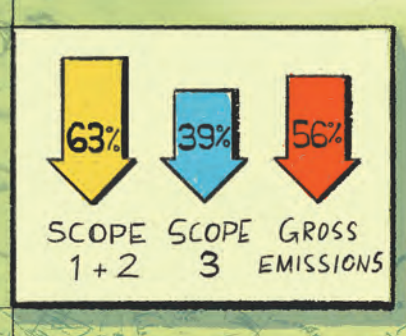
CARLETON SUSTAINABILITY
TODAY AND TOMORROW

ILLUSTRATIONS by MICHAEL IVER JACOBSEN
TEXT by PAUL SCHMELZER and LIN SU WINTON

Carleton's Sustainable Futures framework builds upon the College's long legacy of forward-thinking environmental action with an ambitious slate of new goals. We worked with Dr. Lin Su Winton, director of Carleton's Quantitative Resource Center, to take a look at where – on campus and beyond – our commitment to sustainability is being realized. Established in 2019, the QRC helps faculty, staff, and students across campus work with numbers.

CARBON EMISSIONS
56% ↓ SINCE 2008



Scope 1 + 2: direct emissions from college-owned resources and indirect emissions from the generation of purchased electricity.

Scope 3: Indirect emissions not owned by the college, for activities like travel, waste removal, and purchases.

261,032 LBS Diverted from Landfills by LIGHTEN UP!

THAT'S THE WEIGHT OF NINE SCHOOL BUSES!

Lighten Up! is a campus garage sale w/ dual purposes of waste diversion and community support. At the end of each school year Carleton students donate their items to Lighten Up! With proceeds going to local non-profits totaling **$462,637!**

LOCAL FOOD COMMITMENT

- **$520K** of food purchased locally per year.
- **20%** of food budget spent with suppliers within 150 miles of campus.

HIGH-EFFICENCY HOUSING

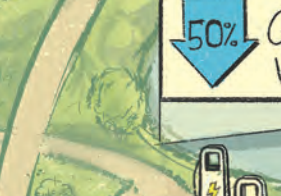
The new Lilac Hill development is built to Passive House standards. ★

Passive House is an ultra high-efficiency method that uses a thick building envelope, air tight construction, and improved ventilation.

75% ↓ PROJECTED ENERGY use/ft² (Compared to Carleton average)

THAT'S THE EQUIVALENT OF BURNING **741** BARRELS OF OIL!

320 METRIC TONS of CO_2 equivalent of food waste diverted from landfills by the Food Recovery Network each year.



Center for Community and Civic Engagement at Sayles-Hill

Laird Stadium

134 GEOTHERMAL BORES

50% ↓ GAS-POWERED VEHICLES BY 2029

THAT'S CAMPUS ACTIVISM AT WORK!

$0 Directly invested in Fossil Fuels by **2030**.

NEW PASSIVE HOUSE BUILDINGS
Multicultural Center and Neil House

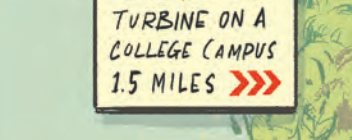
$42 MILLION INVESTMENT IN GEOTHERMAL NETWORK

COMING IN 2026 Geothermal well to heat and cool the renovated Parish House.

95 GEOTHERMAL BORES **510 FEET LONG**

THAT'S HALF THE LENGTH OF THE EIFFEL TOWER!

EV CHARGING PORTS



Weitz Center for Creativity

Integrated Science Complex

77 GEOTHERMAL BORES

"I MAKE UP **4%** OF CARLETON FOOD BUDGET BUT **50%** OF DINING SERVICES Co^2 EMISSIONS!"

.5 oz/person/meal goal for campus beef consumption.

Language and Dining Center

James Hall

Cassat Hall

Bell Field

WHAT IS LEED ?

The US Green Building Council's Leadership in Energy and Environmental Design Program certifies building projects for the degree to which they address issues from carbon and energy to water and indoor environmental quality. Carleton has four LEED-certified buildings, including the LEED-Platinum Integrated Science Complex.

200 ACRES OF RESTORED PRAIRIE

NATIVE PRAIRIE GRASSES have deep root systems that sequester carbon.

23 RARE SPECIES including

7 Species of Mussels

Henslow's Sparrow

Rusty Patch Bumblebee

Carleton's two wind Turbines generate enough electricity to power 40% of campus.

5,000 lbs of produce grown for the dining service each year by the student-run Carleton Farm.

Lower Arboretum

Carleton Student Farm

600 SOLAR PANELS

Lilac Hill

Rec Center

Upper Arboretum

1ST WIND TURBINE ON A COLLEGE CAMPUS 1.5 MILES

Laird Hall

The Bald Spot