

CREATING HARVARD'S SUSTAINABLE COMMUNITY: 2019 SNAPSHOT

EMISSIONS & ENERGY

HARVARD'S CLIMATE ACTION PLAN sets an ambitious path forward to shift campus operations **AWAY FROM FOSSIL FUELS**. The plan includes two bold, science-based targets:

FOSSIL FUEL-FREE BY 2050

FOSSIL FUEL-NEUTRAL BY 2026

NET 30% REDUCTION ACHIEVED IN 2016



NET REDUCTION in energy use. Reductions in building energy use from **ENERGY EFFICIENCY MEASURES OFFSET** the impact of **GROWTH IN SQUARE FOOTAGE**.



MORE THAN 2.08 MW of **SOLAR PROJECTS** installed on campus to date.

HIGHLY EFFICIENT DISTRICT ENERGY SYSTEM powering new initiatives in Allston, prioritizes climate resiliency, and includes the **LARGEST THERMAL STORAGE TANK** in Massachusetts.



HEALTH & WELL-BEING

Harvard's **HEALTHIER BUILDING MATERIALS ACADEMY, IN PARTNERSHIP WITH RESEARCHERS**, worked with **40 MAJOR CAPITAL PROJECTS** across campus, collaborated with **100+ MANUFACTURERS** to get them to remove harmful chemicals from their products, and institutionalized healthier building materials requirements into **HARVARD'S SUSTAINABLE BUILDING STANDARDS**.



The Office for Sustainability continues to share and promote resources to **IMPROVE HOW WE EAT AND PLAN EVENTS ON-CAMPUS**.

NATURE & ECOSYSTEMS



STUDENTS BRING RAIN GARDENS TO CAMPUS TO IMPROVE WATER QUALITY AND PREVENT FLOODING OF WALKWAYS. Rain gardens not only alleviate stress on storm drains, but also promote native flora, contribute to water conservation, and absorb harmful chemicals.

14 VEGETATED GREEN ROOFS across campus promote biodiversity, prevent stormwater runoff, and reduce building energy consumption.

CAMPUS OPERATIONS

136 LEED CERTIFIED PROJECTS, more than any higher education institution in the world.



11% decrease in **WATER USE**.



SINGLESTREAM RECYCLING, COMPOSTING, and REUSE contributed to **32%** drop in per capita waste.



85% of commuters use sustainable transportation (**81% OF LONGWOOD COMMUTERS**). There are **OVER 7,000 BIKE PARKING SPACES ACROSS HARVARD'S CAMPUS**.

First University on the east coast to **INSTALL SIDE GUARDS** on all large University-owned trucks to **PROTECT CYCLISTS AND PEDESTRIANS**.



Harvard University Information Technology rolled out **CRIMSON PRINT** across the University. The service has **REDUCED CO2 EMISSIONS BY 4,558 KG**.

CULTURE CHANGE & COMMUNITY

17 RESEARCH PROJECTS, supported by the **\$700,000 CAMPUS SUSTAINABILITY INNOVATION FUND**, which use Harvard and the local community as a **LIVING LAB**.

\$5 MILLION CLIMATE CHANGE SOLUTIONS FUND supported 40+ multi-disciplinary projects since 2014.

Students from **REP** created a **SUSTAINABILITY-THEMED ESCAPE ROOM** to teach their fellow students how to mitigate climate change.

The Harvard College Women's Center made a **COMMITMENT TO ENVIRONMENTAL JUSTICE**.



213 **RECOGNIZED GREEN OFFICES** create more sustainable workspaces.