

CREATING HARVARD'S SUSTAINABLE COMMUNITY: 2020 SNAPSHOT

EMISSIONS & ENERGY

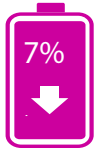
HARVARD'S CLIMATE ACTION PLAN sets an ambitious path forward to shift campus operations AWAY FROM FOSSIL FUELS.

The plan includes two bold, science-based targets:

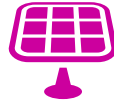
FOSSIL FUEL-FREE BY 2050

FOSSIL FUEL-NEUTRAL BY 2026

NET 30% REDUCTION
ACHIEVED IN 2016



NET REDUCTION in energy use. The COVID-19 pandemic impacted the University's energy use, altering trends compared to previous years.



MORE THAN 2.513 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 **41 MAJOR CAPITAL PROJECTS** across campus, collaborated with **1,000+ MANUFACTURERS** to get them to remove harmful chemicals from their products, and institutionalized healthier building materials requirements into **HARVARD'S SUSTAINABLE BUILDING STANDARDS**.



NATURE & ECOSYSTEMS



HARVARD LANDSCAPING HAS EXPANDED THE USE OF **ELECTRIC EQUIPMENT ON CAMPUS** AIMING AT **REDUCING NOISE AND EMISSIONS**. Battery-powered leaf blowers, grass trimmers, and tree pruners were used in Harvard Yard and other selected areas of campus.



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

18 **VEGETATED GREEN ROOFS** across campus promoted biodiversity, prevented stormwater runoff, and reduced building energy consumption.

CAMPUS OPERATIONS

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



36% reduction in **WATER USE**. In 2020, water-use was impacted by the de-densification of campus during COVID-19.



ALL FORMS OF WASTE WERE REDUCED due to de-densification of campus during the COVID-19 pandemic. Trash decreased **32%**.



HARVARD PURCHASED **FOUR 100% ELECTRIC BUSES** AND **ELECTRIC INFRASTRUCTURE**. The new buses replaced four, similarly sized biodiesel powered vehicles representing more than **30%** of Harvard's fleet.



The **HARVARD SEC** HAS BEEN CERTIFIED AS ONE OF THE **HEALTHIEST, MOST SUSTAINABLE, AND ENERGY-EFFICIENT LABORATORIES IN THE WORLD**. It is certified LEED Platinum and is the largest building and first research laboratory to achieve Living Building Challenge Certification with Petals in Materials, Beauty, and Equity.



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**.

\$6 MILLION CLIMATE CHANGE SOLUTIONS FUND supported 50 multi-disciplinary projects since 2014.



Harvard established a **PRESIDENTIAL COMMITTEE ON SUSTAINABILITY** in 2019 to advise President Larry Bacow and the University's leadership on sustainability vision, goals, strategy, and partnerships.



200+ **RECOGNIZED GREEN OFFICES** created more sustainable workspaces.