



2020

Town Gown Report



HARVARD
UNIVERSITY

for the

City of Cambridge
Planning Board Presentation

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- 1. INTRODUCTION**
 - 2. HARVARD IN THE COMMUNITY**
 - 3. DIVERSITY, INCLUSION & BELONGING**
 - 4. SUSTAINABILITY**
 - 5. CAMPUS PLANNING & PROJECTS**

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Remote Learning

100% of Harvard College classes and a majority of Harvard's graduate school classes are taking place remotely.

~ 1,900 Students

Less than 30% of Harvard's undergraduate student population has returned to campus. Similarly, less than 25% of the undergraduate student population was on campus during the fall semester.

*In a typical year,
Harvard has nearly 20,000 full-time students studying on its Cambridge campus.*



High-Cadence Testing

On-Campus Protocols

Accountability



Economic Support & Expertise

- Together with MIT, donated **\$500,000** to fund an **emergency shelter** at the War Memorial Facility.
- Continues to **offer rent** relief to all Harvard retail/restaurant tenants.
- Provides a variety of **subject matter expertise** to the City, including a Harvard faculty member who co-chairs Cambridge's COVID-19 Expert Advisory Panel.
- Helped **small businesses** access government funding.
- Nearly a year after the onset of the pandemic, continues to employ **all** direct employees, including those workers who cannot conduct their work remotely.





Community & Nonprofit Support

- Provided **financial support for local non-profits** on the front lines responding to the crisis.
- Offered space for the City to build a **shower facility** for the area's homeless population.
- Donated **\$100,000** to enable the **Harvard Square Homeless Shelter** to remain open.

Healthcare & First Responder Support

- Offered the **use of the Harvard Square Hotel** for frontline healthcare workers and first responders.
- Donated **tens of thousands of pieces of PPE** to Cambridge Health Alliance and area hospitals.

2. HARVARD IN THE COMMUNITY

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Harvard Programs are available in every Cambridge Public School

- Curriculum-Based Programs
- Professional Development Opportunities for CPS Educators
- Family Engagement and Parent Workshops
- College and Career Awareness, including programs focusing on Identity and Self Awareness
- High School Tutoring
- Harvard Crimson Summer Academy
- Cambridge Harvard Summer Academy





Housing Efforts

The Harvard Local Housing Collaborative has leveraged more than \$1.3 billion for affordable housing in the Greater Boston area. Harvard helped create and preserve more than **1,600+** units in Cambridge

Cambridge Students Attending Harvard

16 students from Cambridge were accepted into Harvard College for the past academic year.

107 Cambridge residents, **70** of them CRLS graduates, have been admitted to Harvard throughout the last 5 years.

Harvard Law School Pro Bono Services

Nearly **700** Cambridge residents received free legal assistance in 2019.



3. DIVERSITY, INCLUSION & BELONGING

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In 2018 Harvard University Presidential Task Force on Inclusion and Belonging issued a report and recommendations around ‘Pursuing Excellence on a Foundation of Inclusion’



Harvard also created an Office for Diversity, Inclusion & Belonging (ODIB) and established specific goals to aimed to create a greater sense of inclusion and belonging throughout our campus communities, including:

- Recruitment, Retention, and Development Practices for Excellence
- Union of Academic Freedom and a Culture of Mutual Respect and Concern
- Academic, Professional, and Social Integration
- Inclusive Values, Symbols, and Spaces



Core Values

All members of the Harvard community are encouraged to embrace **five core values** that provide a framework for organizing actions to create an inclusive and hospitable University culture:

1. Respect the rights, differences, and dignity of others
2. Demonstrate honesty and integrity in all dealings
3. Pursue excellence conscientiously in one's work
4. Be accountable for actions and conduct in the community
5. Cultivate bonds and bridges that enable all to grow with and learn from one another

Leadership and Programs

Diversity Inclusion & Belonging Leadership Council

Administrative Fellows Program

University Wide Resources & Initiatives



4. SUSTAINABILITY

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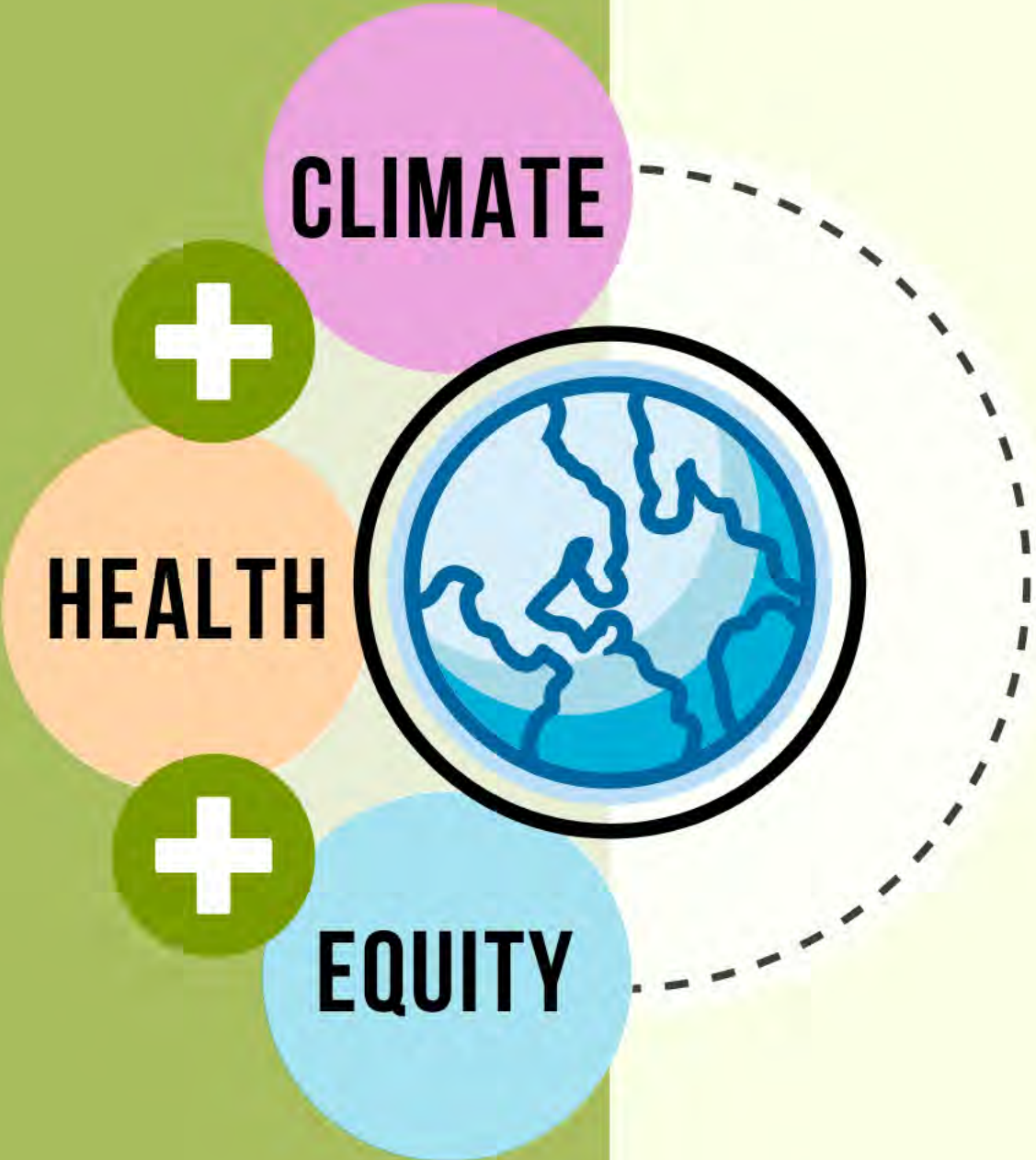


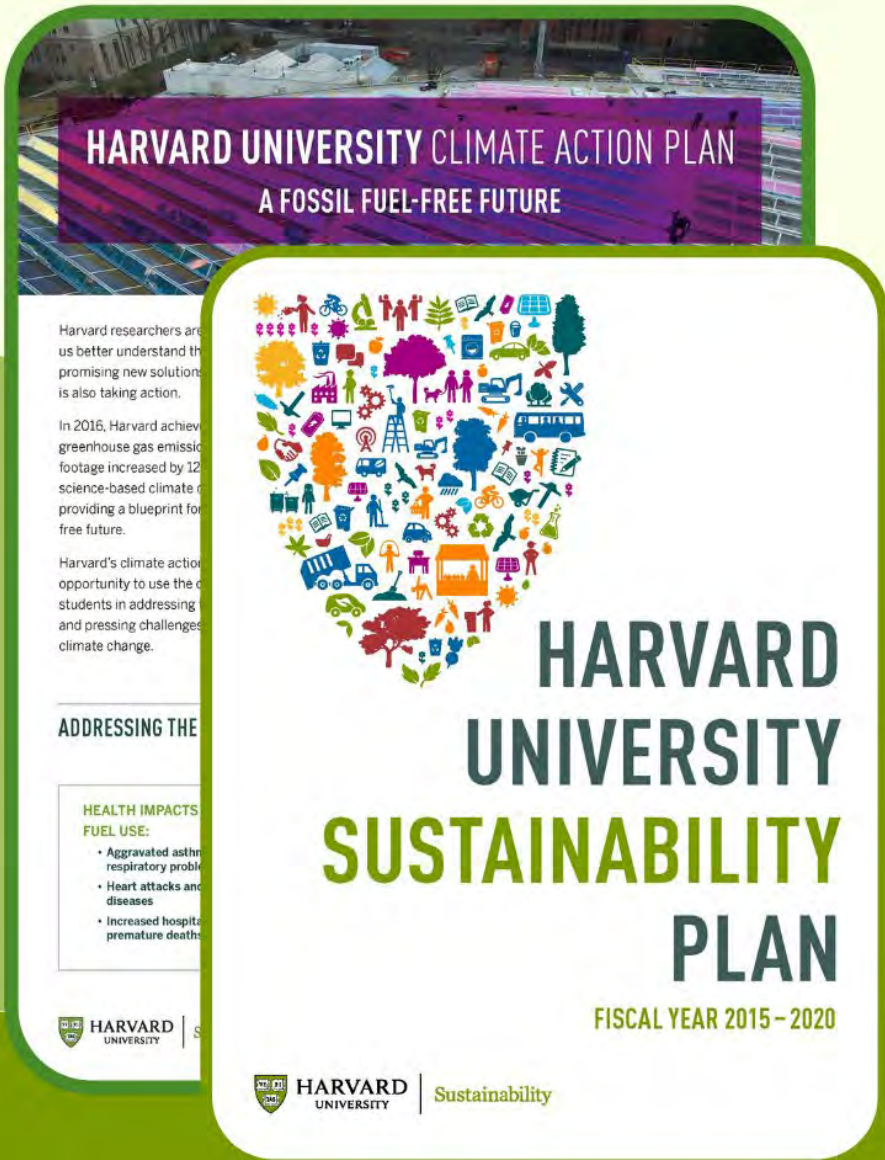
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LOCAL AND GLOBAL IMPACT ON CLIMATE + HEALTH + EQUITY

Translating Research
into Action





GROUNDING IN

CLIMATE + HEALTH + EQUITY

FOSSIL FUEL-FREE BY 2050

FOSSIL FUEL-NEUTRAL BY 2026

NET 30% REDUCTION ACHIEVED IN 2016

2ND GENERATION SUSTAINABILITY PLAN 2021

PRESIDENTIAL COMMITTEE ON SUSTAINABILITY

HARVARD
UNIVERSITY



Sustainability

MISSION

- Advising President + University Leadership
- Grounded in Latest Science + Research
- Translating Research To Solutions Locally + Globally.



FOSSIL FUEL-NEUTRAL 2026 ROADMAP

01



100% RENEWABLE ENERGY
to Zero GHG and Health
Impacts from Air Pollution

02



New Renewable Energy
Projects targeting **HEALTH**
benefits + **EQUITY**

03



Focus on Research and
Innovation



FOSSIL FUEL-FREE 2050 PATHWAYS

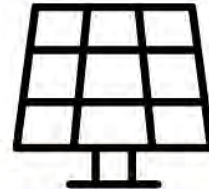
ZERO FOSSIL FUELS USED AT HARVARD BY 2050



District Systems

53%

0 % fossil fuels



Electricity

32%

100% renewable
electricity



Building Heating
Systems

14%

0% fossil fuels



Vehicles

1%

100% EV fleet
vehicles

UNIVERSITY
EMISSIONS

DECARBONIZING
AND ADDRESSING
HEALTH + EQUITY



CLIMATE + HEALTH + EQUITY

100% ELECTRIC BUSES

- Aligned with Fossil Fuel-Free by 2050 Goal
- Model for 100% EV Buses Fleet
- Local Health Benefits

220,462
LBS less GHG

0.013
Metric tons less
PM 2.5

0.752
Metric tons less
NOx

Mass*EVolves*



HARVARD
UNIVERSITY

Sustainability



Embodied carbon



Operational waste management



Business Travel



Food



Employee commuting



Water supply and treatment



Purchased goods and services

SCOPE 3 EMISSIONS

Holistic approach to Harvard's supply chain impacts focused on

CLIMATE + HEALTH + EQUITY



HARVARD
Office for Sustainability

HARVARD'S BUILT ENVIRONMENT

- Green Building Standards since 2009
- 140 LEED Certified Projects (101 in Cambridge)
- LEED Gold Certified minimum and other requirements related to health

Mitigation & Adaptation

- Zero fossil fuels by 2050
- Embodied carbon
- Climate resilience

Healthier Buildings

- Indoor Air Quality
- Healthier Materials

CLIMATE



HEALTH



EQUITY

HARVARD'S HEALTHIER BUILDING ACADEMY

DRIVING

CLIMATE



HEALTH



EQUITY

IN THE BUILT ENVIRONMENT



HARVARD
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5. CAMPUS PLANNING & PROJECTS

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Harvard's Schools and Institutes in Cambridge includes:

- | | |
|--|--|
| Harvard College | Harvard Faculty of Arts and Sciences |
| Harvard Divinity School | Harvard Graduate School of Education |
| Harvard Division of Continuing Education | Harvard John A. Paulson School of Engineering and Applied Sciences |
| Harvard Graduate School of Arts & Sciences | Harvard Law School |
| Harvard Graduate School of Design | Radcliffe Institute for Advanced Study |
| Harvard Kennedy School | |

 **214 Acres of Land in Cambridge**

Advancing Research and Scholarship

Investing in Science and Engineering

Supporting the Arts and Humanities

Fostering Inclusion and Belonging

Housing Harvard's Affiliates

Enhancing the Campus Experience



Harvard Affiliates in Cambridge

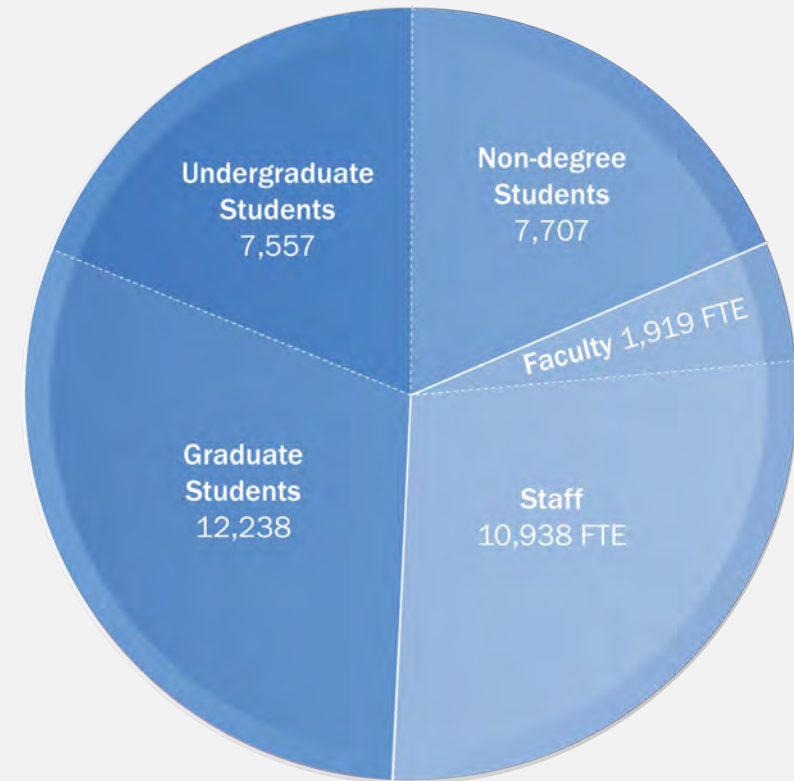


Photo: Rose Lincoln/Harvard University



394 Buildings – 16.1M SF
in Cambridge

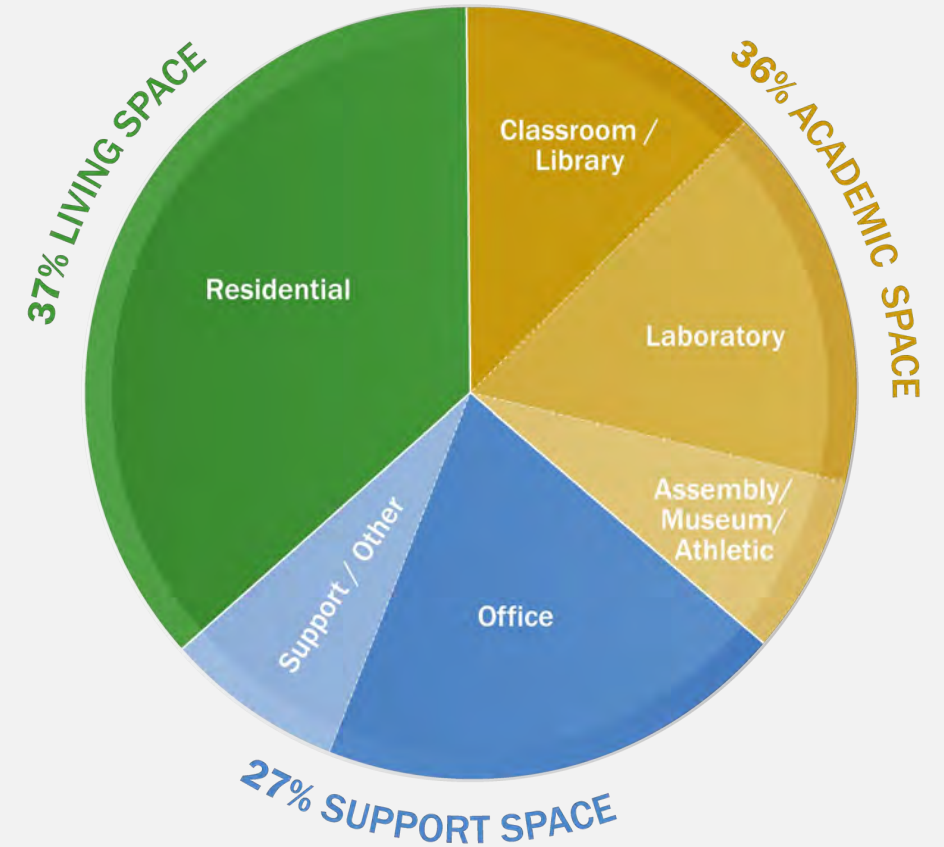


Photo: Mark Flannery

Campus Planning Principles

COMMUNITY CONTEXT

FACILITY UTILIZATION

HISTORIC CHARACTER

CONNECTIVITY

SUSTAINABILITY

DESIGN EXCELLENCE

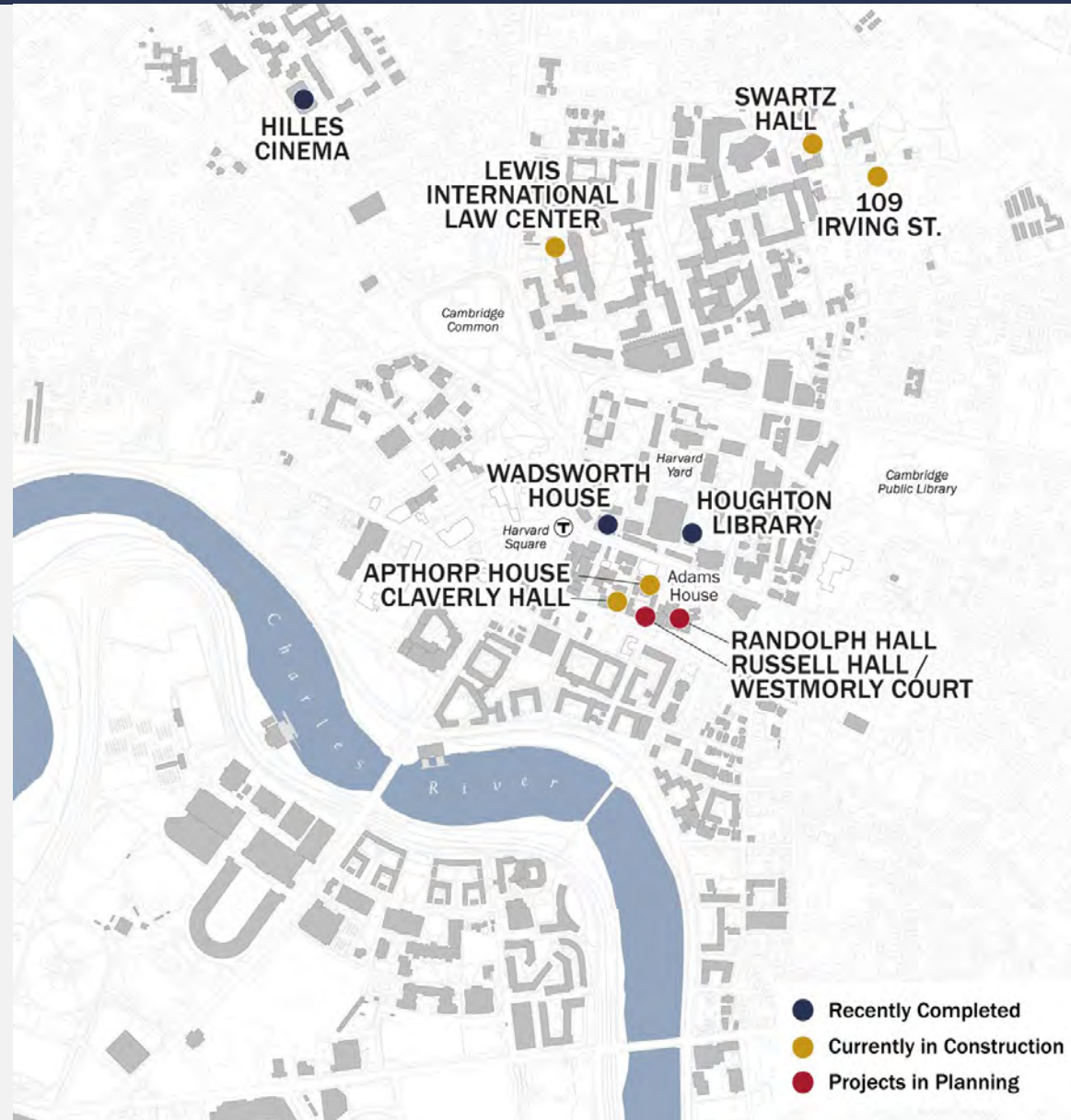
OPEN SPACE

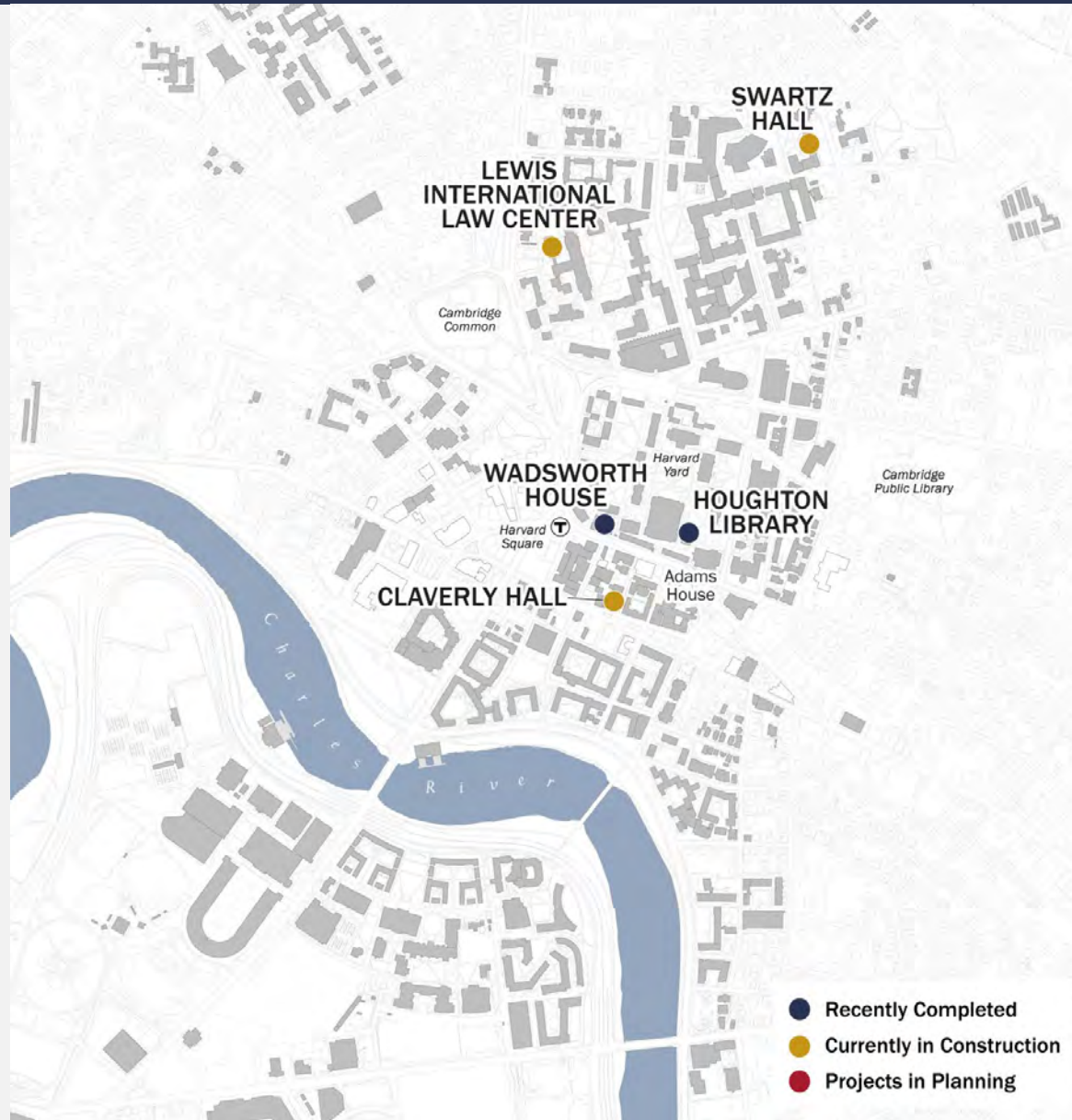
DIVERSITY & INCLUSION

FACILITY RENEWAL

CAMPUS CHARACTER







Faculty of Arts and Sciences

HOUGHTON LIBRARY

RENOVATION

Recently Completed



Photo: Peter Vanderwerker

Faculty of Arts and Sciences

HOUGHTON LIBRARY

RENOVATION

Recently Completed



The Edison and Newman Room is representative of Houghton Library's finely crafted interiors.

Faculty of Arts and Sciences

HOUGHTON LIBRARY

RENOVATION

Recently Completed



The new Peter J. Solomon Gate presents a contemporary interpretation of Harvard Yard's historic gates.

Harvard Real Estate

WADSWORTH HOUSE

RENOVATION

Recently Completed



Photo: Harvard Planning Office

Harvard Divinity School

SWARTZ HALL

RENOVATION
AND ADDITION

Currently in Construction



Harvard Law School

LEWIS INTERNATIONAL LAW CENTER

RENOVATION
AND ADDITION

Currently in Construction



Harvard College

ADAMS HOUSE CLAVERLY HALL

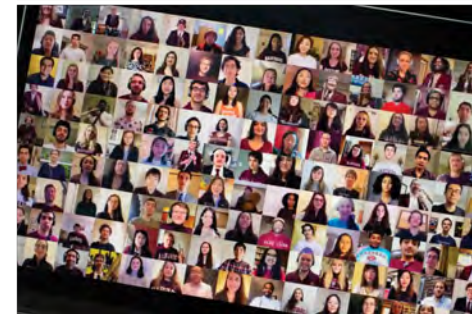
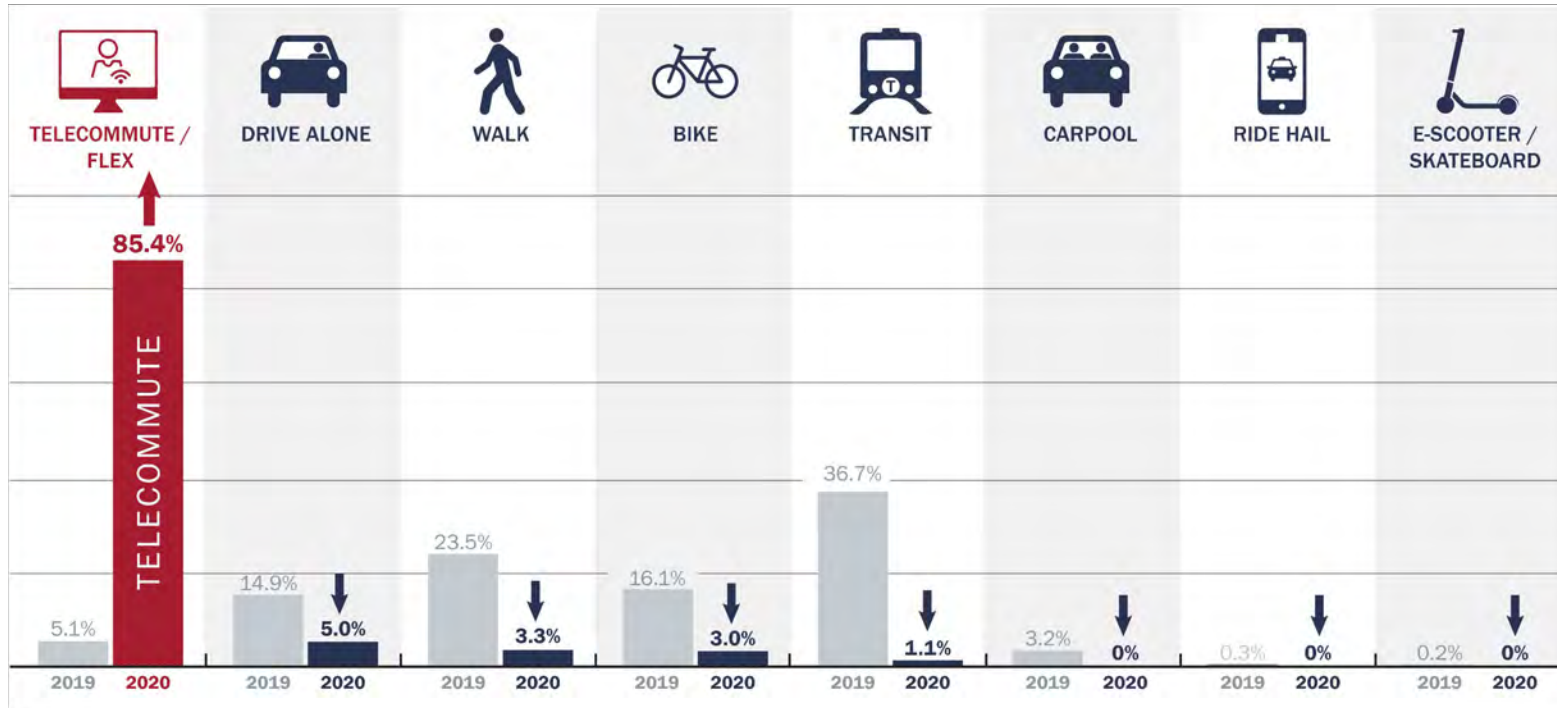
RENOVATION

Currently in Construction



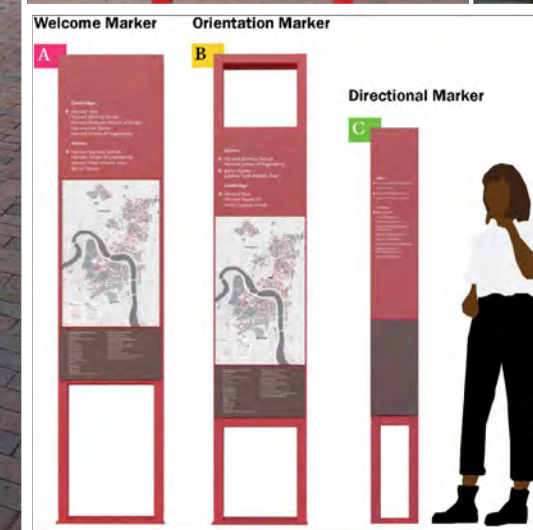


Commuting Modes



Wayfinding Improvements

Pedestrian Signage, Shuttle Signage, and Interactive Campus Map



Comprehensive Tree Inventory

- 5,000 trees in Cambridge
- Majority of trees in good health
- Balanced diversity of age and species

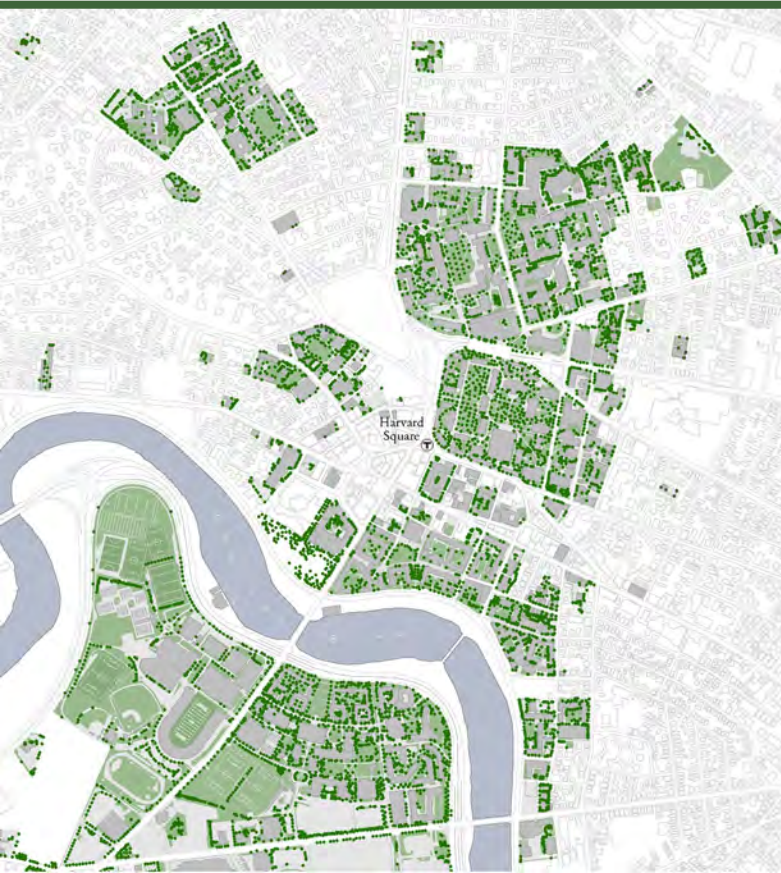


Photo: Harvard Planning Office

