



2021 Town Gown Report



HARVARD
UNIVERSITY

for the
City of Cambridge
Planning Board Presentation

- 1. 2021 CONTEXT**
- 2. COVID-19 SAFETY PLAN**
- 3. HARVARD IN THE COMMUNITY**
- 4. EQUITY, DIVERSITY, INCLUSION & BELONGING**
- 5. CAMPUS PLANNING & PROJECTS**
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2021

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2021 Context



2. COVID-19 SAFETY PLAN

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- **98%** vaccination rate among Harvard students;
97% among faculty and staff
 - Booster required as of January 31, 2022
- Rigorous testing protocols for all on-campus community members
- Indoor mask requirement across campus
- Continuous evaluation of policies to meet or exceed all state and local mandates
- Coordinated COVID Community Support
 - Subject-matter expertise to city leaders
 - Resources for residents



3. HARVARD IN THE COMMUNITY

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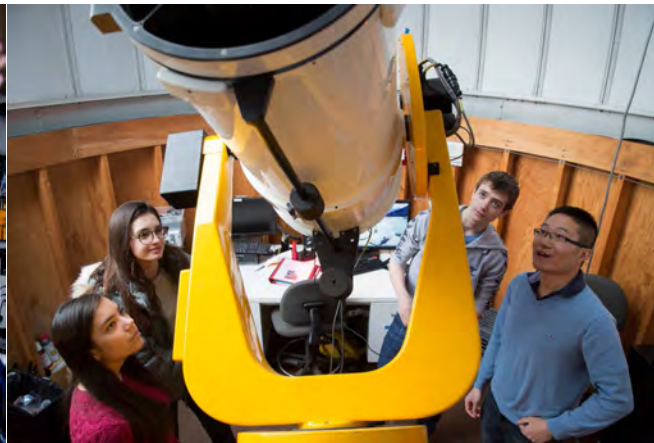


Affordable Housing

Sustainability Partnerships

Cambridge Public Schools Support

Diversity & Equity Initiatives





Housing Partnerships

Recently recommitted **\$20M** to the Harvard Local Housing Collaborative

- The first iteration of the program helped preserve and create more than 1,600 units in Cambridge including units in every Cambridge neighborhood





Partnerships with Cambridge Public Schools

- Professional Development Opportunities for CPS Educators
- Family Engagement and Parent Workshops
- Curriculum-Based Programs
- Project Teach for College and Career Awareness
- RISE program
- Harvard Crimson Summer Academy
- Summer Youth Employment Program

Cambridge Students Accepted to Harvard

20 students from Cambridge (14 from CRLS) were accepted to Harvard College last year.





Community Equity & Inclusion Initiatives

- **RISE Program**
 - Guaranteed Income Pilot program for low-income Cambridge residents
- **Partnership with *Food For Free***
 - More than 2,000 meals distributed weekly
- **Supporting minority and women-owned businesses in Harvard Square**
- **Pro Bono legal services for Cambridge Residents**
- **Mayor's Winter Support Drive**
 - Donated gift cards to low-income Cambridge residents



Las Palmas Restaurant & Catering is a minority-owned, woman-owned and a family-owned restaurant now open inside the Smith Campus Center.

4. EQUITY, DIVERSITY, INCLUSION & BELONGING

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Equity, Diversity, Inclusion & Belonging



Harvard is committed to championing and supporting inclusive excellence by helping to foster a campus culture where everyone can thrive.

What is inclusive excellence at Harvard?

Harvard works to create and maintain a community that draws on the widest possible pool of talent to unify excellence and diversity—one that fully embraces individuals from varied backgrounds, cultures, races, identities, life experiences, perspectives, beliefs, and values.

The aspiration to achieve inclusive excellence moves beyond the goal of nondiscrimination and toward an embrace of the value that flows from bringing diversity of experience and thought to campus, and the rich forms of excellence that can emerge from that diversity.

Areas of Focus

Engagement through University programming, events, and affinity spaces

Inclusive Hiring Practices through guidelines, trainings, and resources for hiring managers

Institutional Purchasing Practices through the establishment of new Office of Supplier Diversity and Inclusion

Examining Harvard's History including the Committee to Articulate Principles on Renaming and Harvard and the Legacy of Slavery Initiative

Digital community engagement through new websites:

harvard.edu/diversity-and-inclusion & edib.harvard.edu



5. CAMPUS PLANNING & PROJECTS

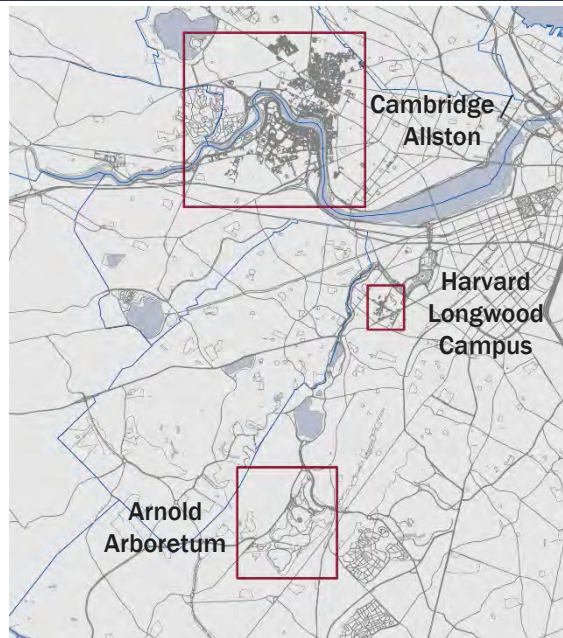
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Harvard's Schools and Institutes in Cambridge includes:

- | | |
|--|--|
| 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 | |



38,000+ Harvard Affiliates in Cambridge

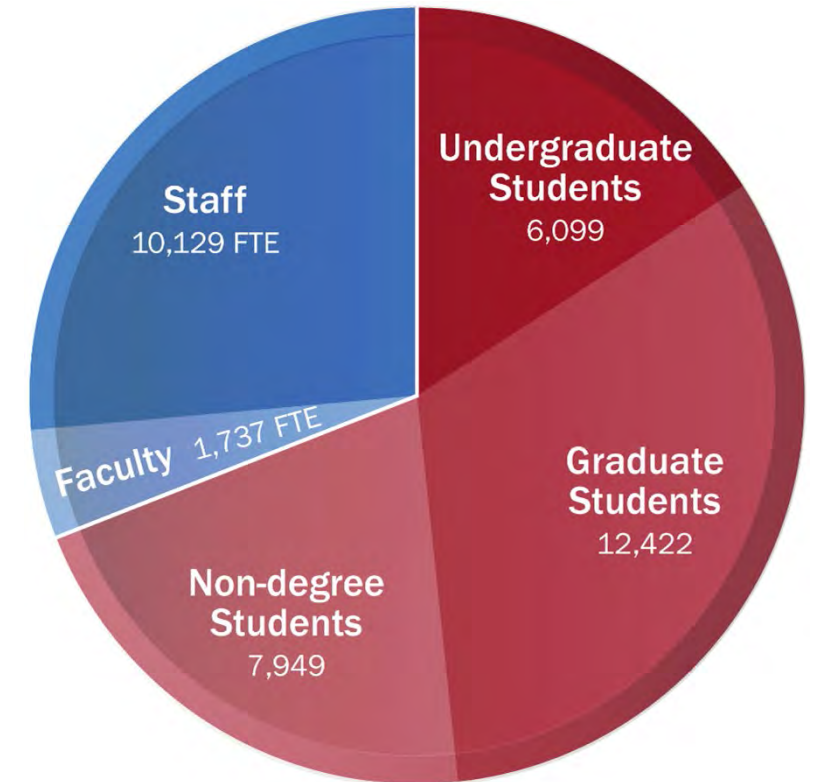


Photo: Kris Snibbe/Harvard University



390 Buildings – 16.3M SF
in Cambridge

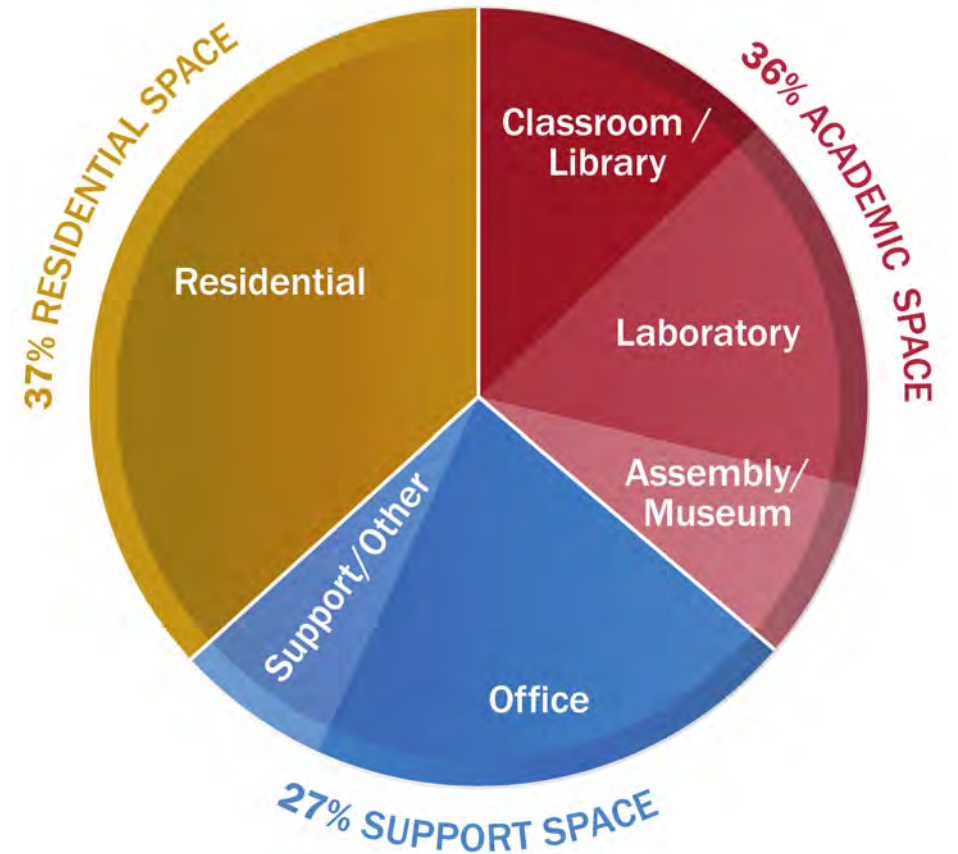
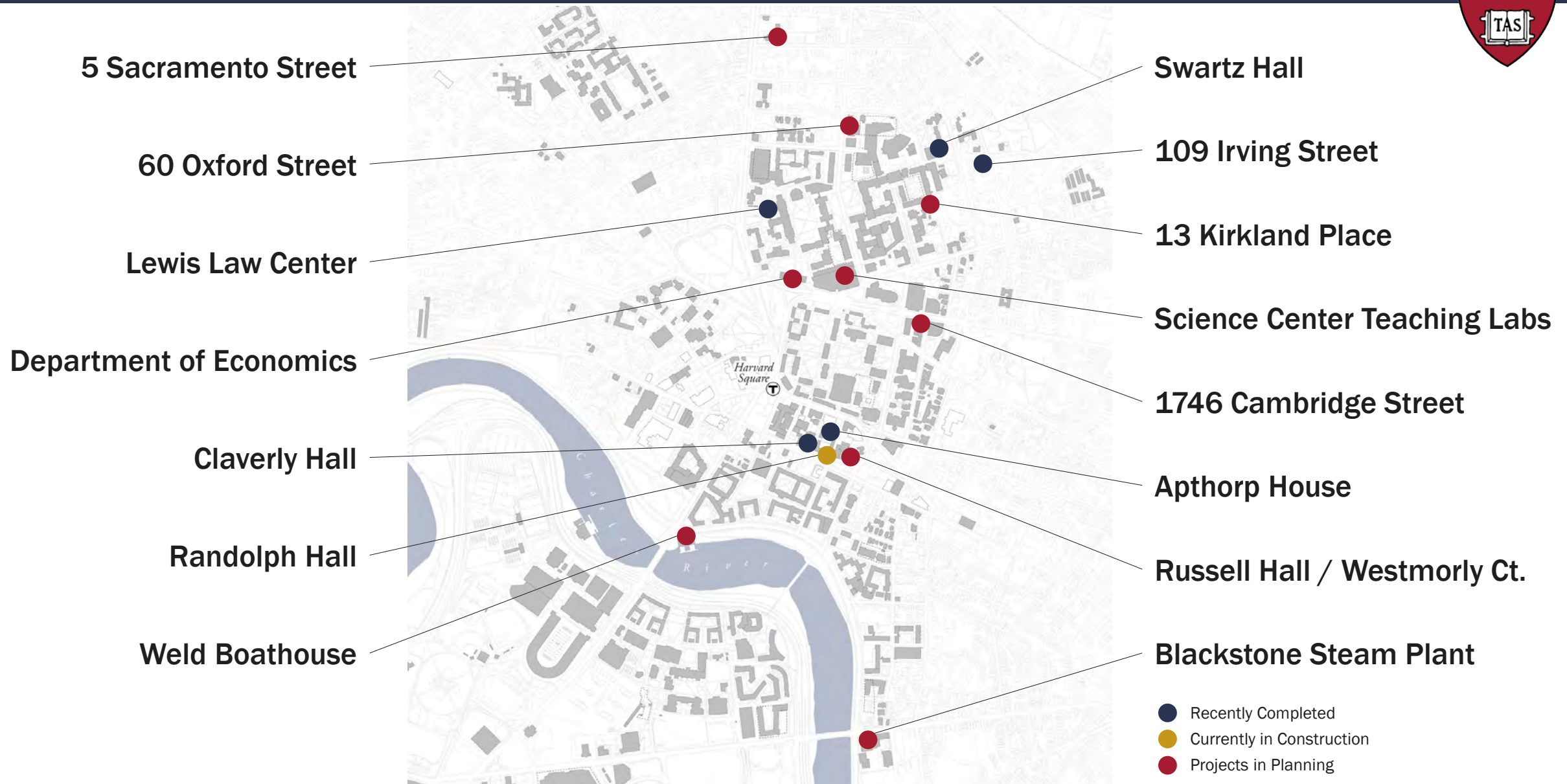


Photo: Mark Flannery

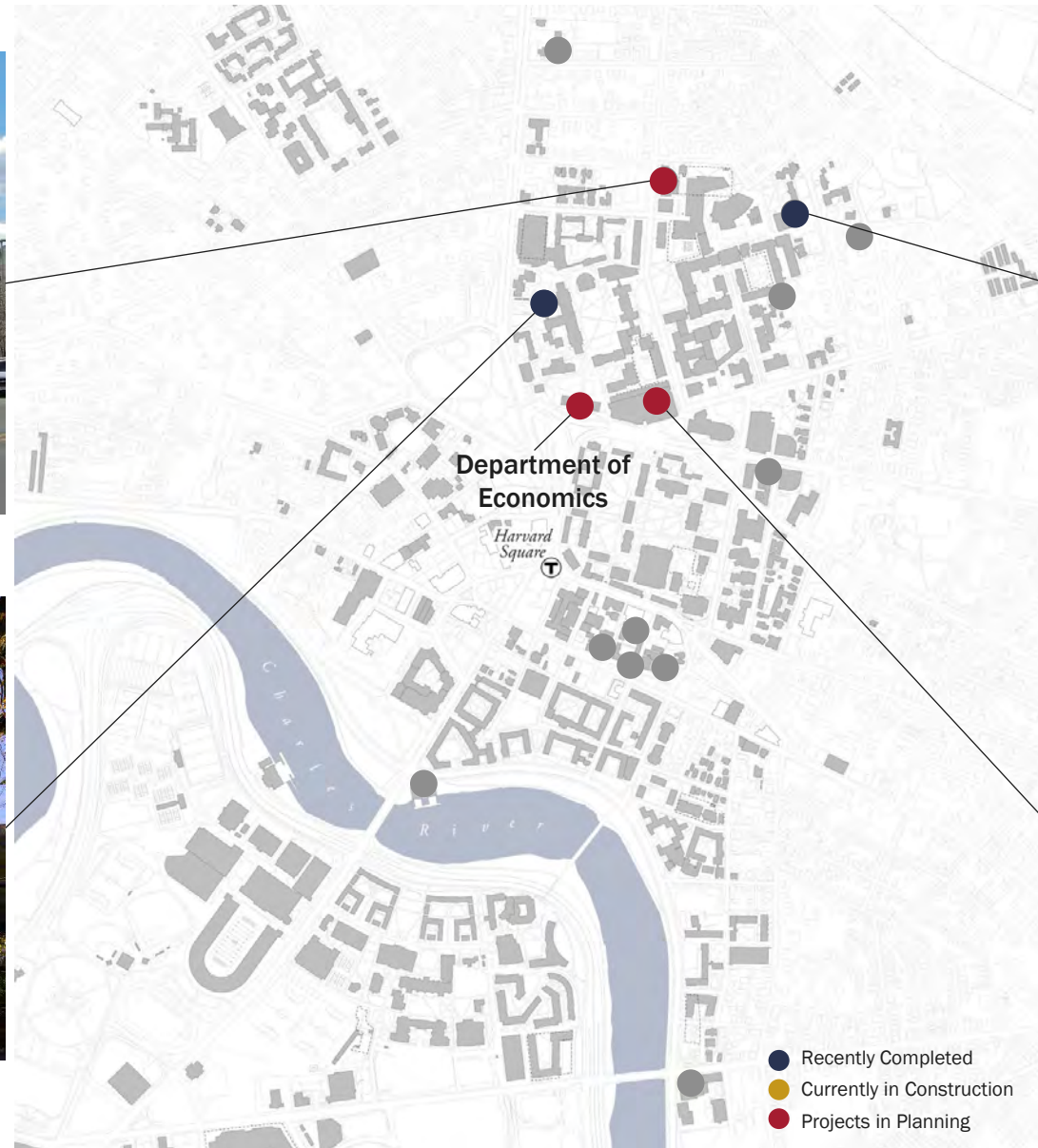
Current Projects



Academic Projects



60 Oxford Street



Swartz Hall



Reginald F. Lewis Law Center



Science Center Teaching Labs



Harvard Divinity School

Swartz Hall

Renovation and Addition

Recently Completed



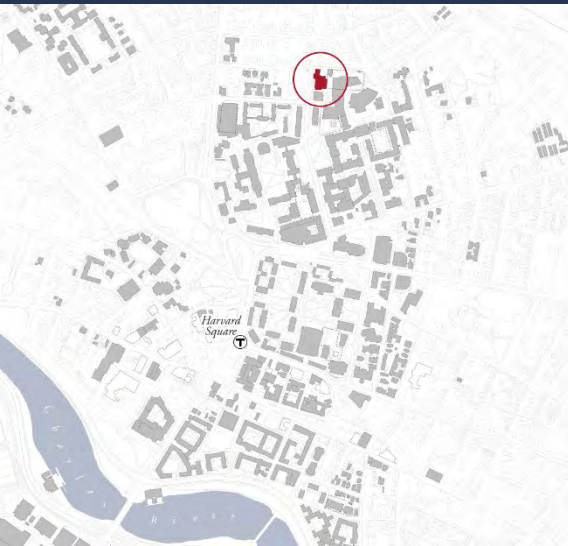


Faculty of Arts and Science

60
Oxford Street

RENOVATION

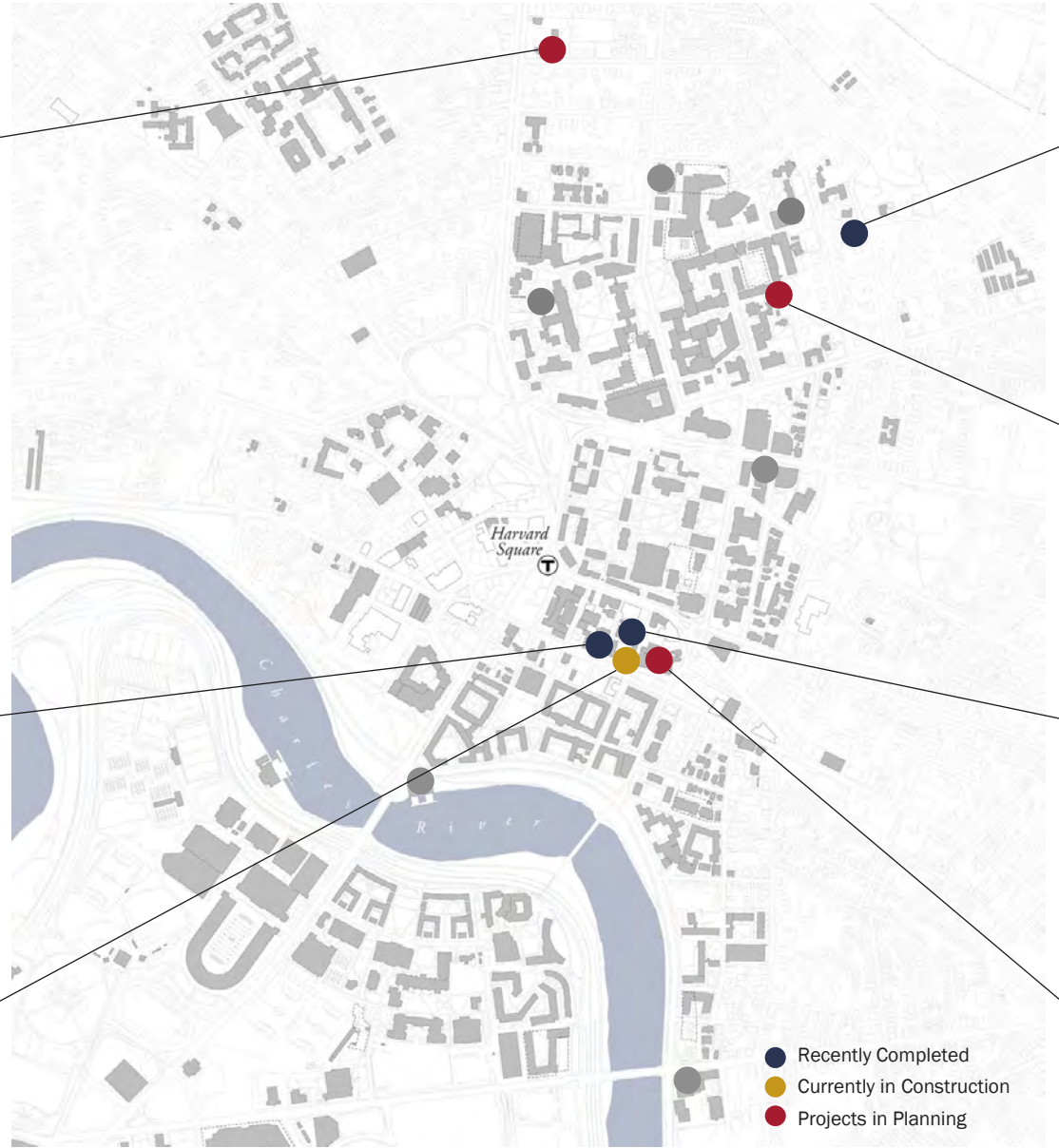
Project in Planning



Residential Projects



5 Sacramento Street



109 Irving Street



13 Kirkland Place



Claverly Hall, Adams House



Apthorp House, Adams House



Randolph Hall, Adams House



Russell Hall - Westmorly Ct., Adams House

Residential Projects



Harvard College

Claverly Hall, Adams House

RENOVATION

Recently Completed





Harvard University Housing

13 Kirkland Place

Renovation and Addition

Project in Planning

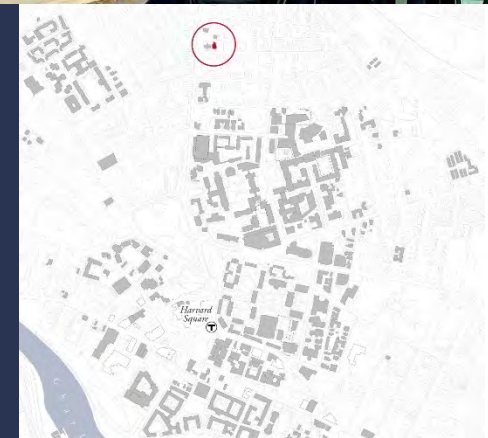


Harvard University Housing

5 Sacramento Street

Renovation

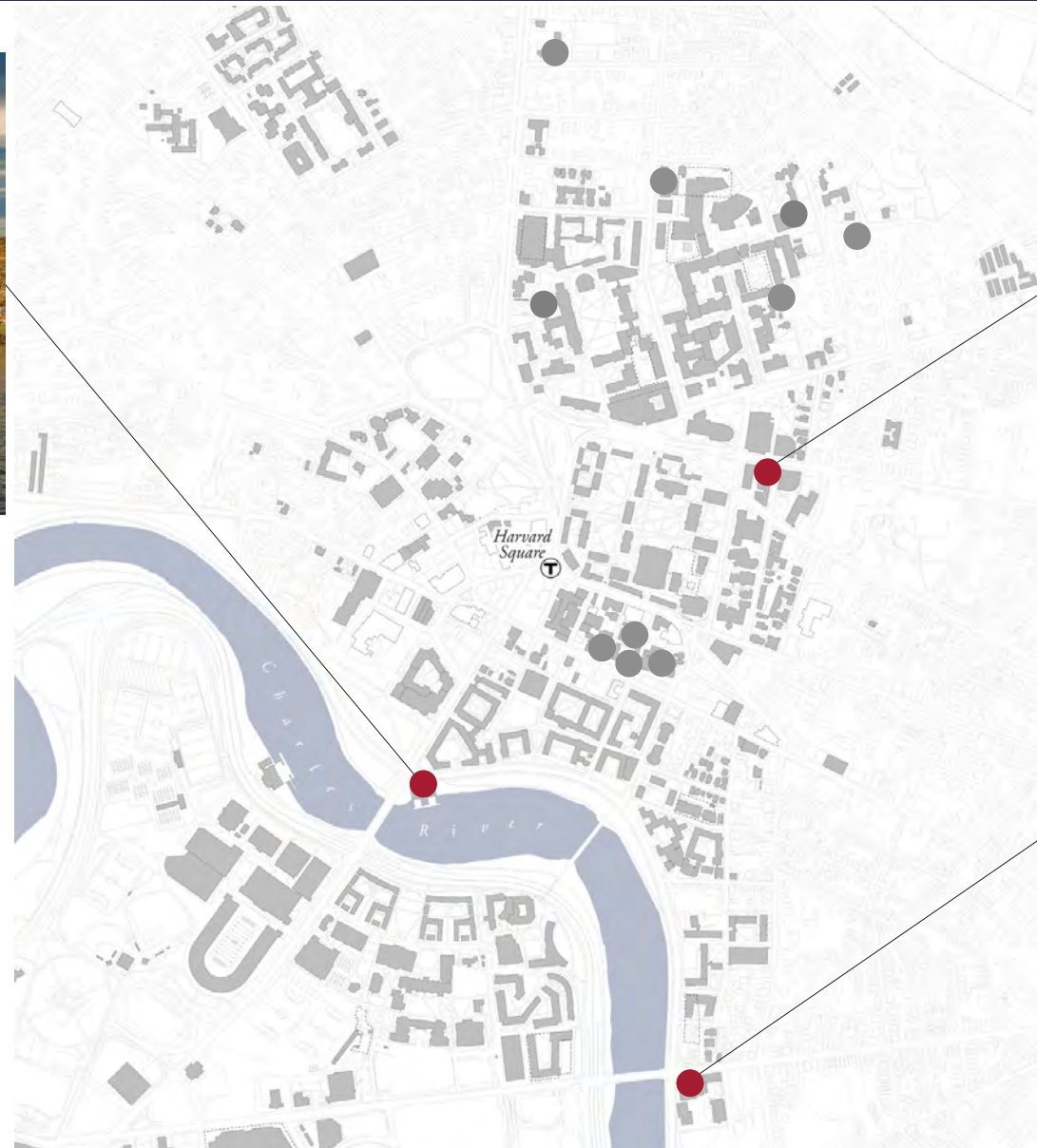
Project in Planning



Support Facility Projects



Weld Boathouse



- Recently Completed ●
- Currently in Construction ●
- Projects in Planning ●



1746 Cambridge Street



Blackstone Steam Plant

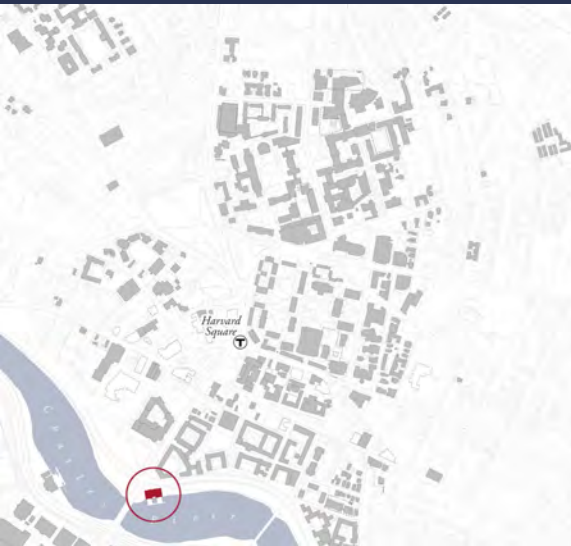


Faculty of Arts and Sciences

Weld Boathouse

Renovation

Project in Planning





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



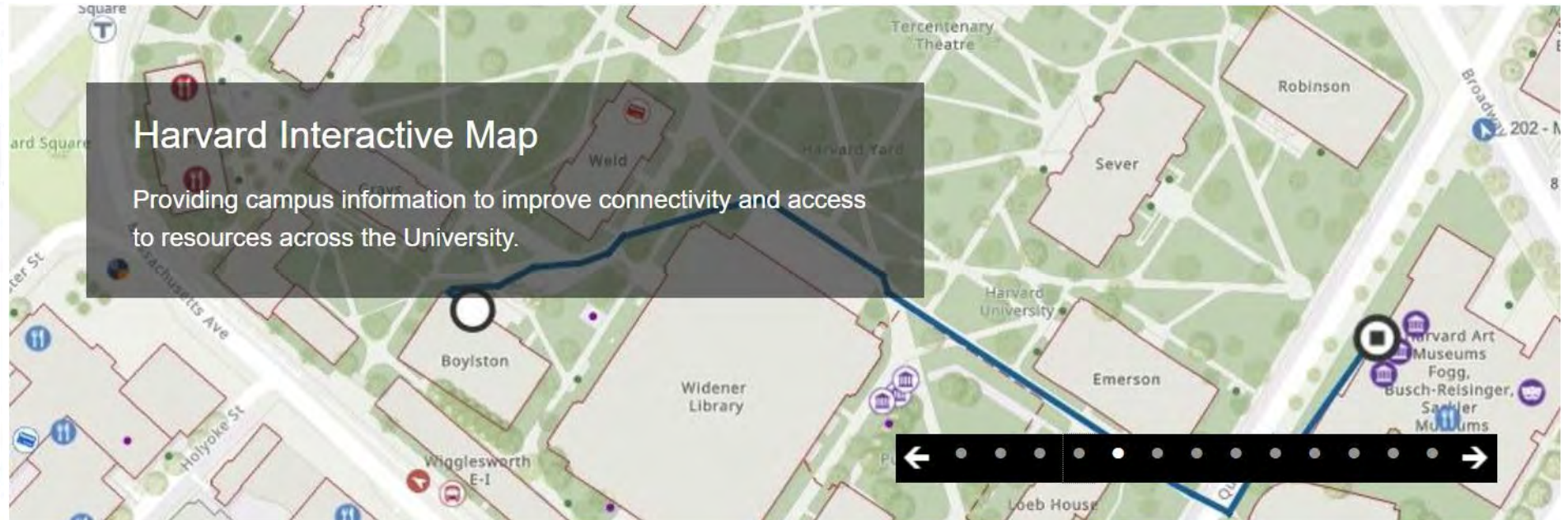


Interactive Campus Map – map.harvard.edu

- Pedestrian navigation
- Functionally accessible routes and entrances
- Public events on campus
- Real-time Harvard Shuttle locations, Bluebikes availability



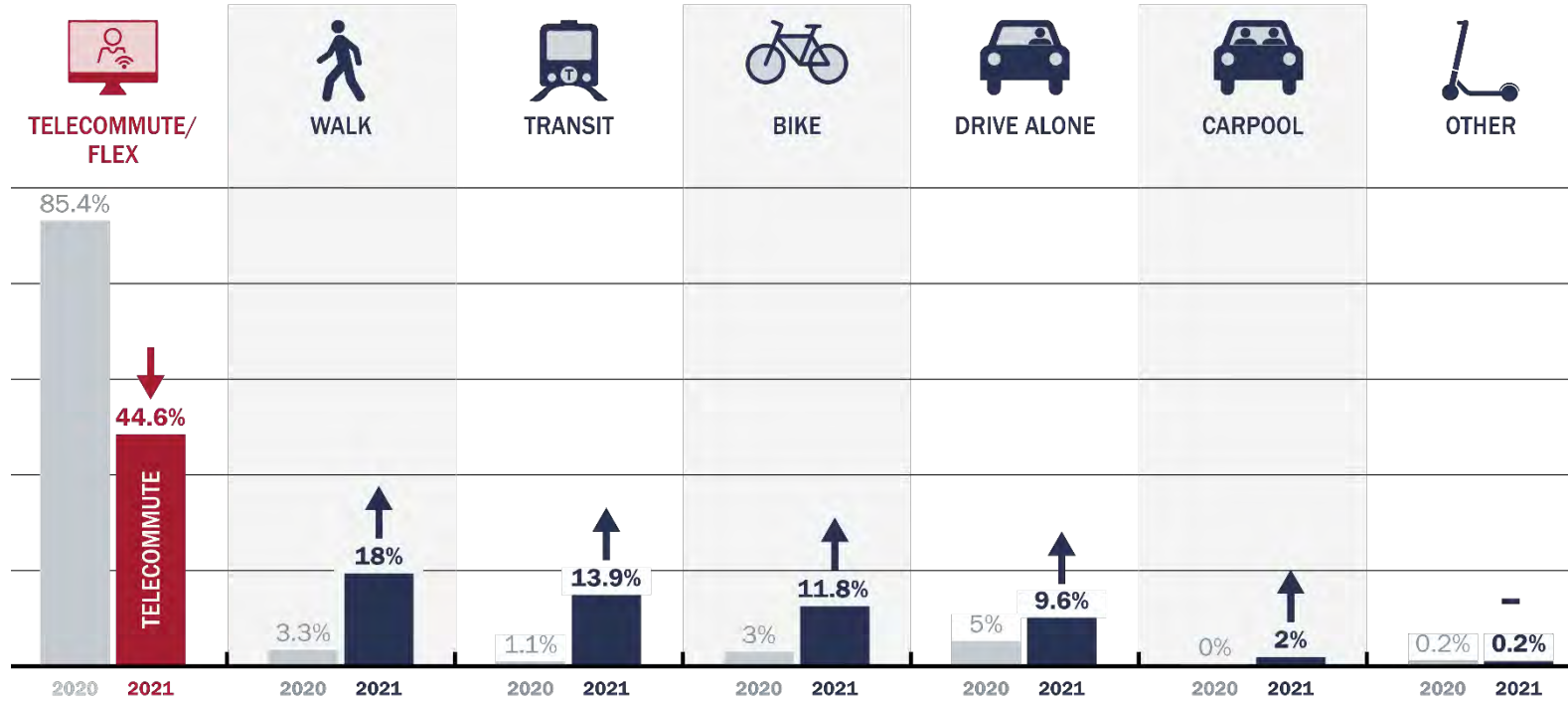
Improved campus wayfinding pedestrian signage







2021 Commuting Modes



6. SUSTAINABILITY

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HARVARD'S SUSTAINABLE DEVELOPMENT VISION

01



02



03



HARVARD'S CLIMATE ACTION PLAN

SET IN
FEBRUARY
2018



HARVARD UNIVERSITY CLIMATE ACTION PLAN
A FOSSIL FUEL-FREE FUTURE

Harvard researchers are tackling climate change by helping us better understand the scope of its effects and generating promising new solutions. On campus, the University community is also taking action.

In 2016, Harvard achieved its 10-year goal to reduce on-campus greenhouse gas emissions by 30 percent, even as square footage increased by 12 percent. Now, a new set of ambitious, science-based climate commitments build on this progress by providing a blueprint for the transition to a healthier, fossil fuel-free future.

Harvard's climate action plan gives the University a unique opportunity to use the campus to directly engage faculty and students in addressing the difficult and unanswered questions and pressing challenges posed by human-induced climate change.

FOSSIL FUEL-FREE BY 2050

FOSSIL FUEL-NEUTRAL BY 2026

“These ambitious goals will be challenging to reach, but the grave risks climate change poses to our health and our planet's future require essential action. Harvard must remain vigorous in supporting students, faculty, and staff who are championing ideas, expertise, and action related to climate change.”
- HARVARD PRESIDENT DREW FAUST

ADDRESSING THE FULL SCOPE OF SOCIAL DAMAGES ASSOCIATED WITH FOSSIL FUEL USE

As Harvard T.H. Chan School of Public Health Dean Michelle Williams has said, “health is the human face of climate change.” The University recognizes that its energy choices not only contribute to our planet's changing climate, but that there are enormous public health, ecological, and economic effects that are also associated with the burning of fossil fuels.

As a society, the full scope of the social damages associated with fossil fuel use cannot continue to be ignored as we frame policy. As a University, our community has a moral responsibility to help create a better understanding of these impacts through multi-disciplinary research and exploration.

HEALTH IMPACTS OF FOSSIL FUEL USE:

- Aggravated asthma rates and respiratory problems
- Heart attacks and cardiovascular diseases
- Increased hospitalizations and premature deaths

HARVARD UNIVERSITY Sustainability
GREENHARVARD.EDU/CLIMATE #GREENHARVARD @GREENHARVARD

FOSSIL FUEL-FREE BY 2050

FOSSIL FUEL-NEUTRAL BY 2026

NET 30% REDUCTION ACHIEVED IN 2016

PRESIDENTIAL COMMITTEE ON SUSTAINABILITY

HARVARD
UNIVERSITY



Sustainability

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



FOSSIL FUEL-NEUTRAL 2026 ROADMAP

SET IN FEBRUARY 2018

01

HARVARD PRESIDENTIAL COMMITTEE ON SUSTAINABILITY
FOSSIL FUEL-NEUTRAL BY 2026



HARVARD UNIVERSITY *Sustainability*

02



03



FOSSIL FUEL-FREE 2050 GOAL

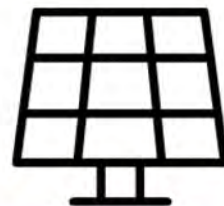
ZERO FOSSIL FUELS USED AT HARVARD BY 2050



District Systems

0%

fossil fuels



Electricity

100%

renewable
electricity



Building Heating
Systems

0%

fossil fuels



Vehicles

100%

EV fleet
vehicles

TARGET
DECARBONIZING
AND
ADDRESSING
HEALTH +
EQUITY

SCOPE 3 EMISSIONS

Holistic approach to Harvard's supply chain impacts focused on



BUILDING IMPACTS ARE MORE THAN JUST ENERGY & EMISSIONS



144 LEED-certified buildings



1 Living Building Challenge-certified building

HARVARD HEALTHIER BUILDING ACADEMY



3+ million sq ft



30+ product types



1,300+ manufacturers engaged

HARVARD SCIENCE AND ENGINEERING COMPLEX



Living Building Challenge Certification
Materials, Beauty & Equity

Largest globally & 1st Research Building



LEED Platinum

78,000

Gallon rainwater reuse tank

12,879

Metal shading panels to reduce energy use

6,000

Building materials evaluated for chemical ingredients

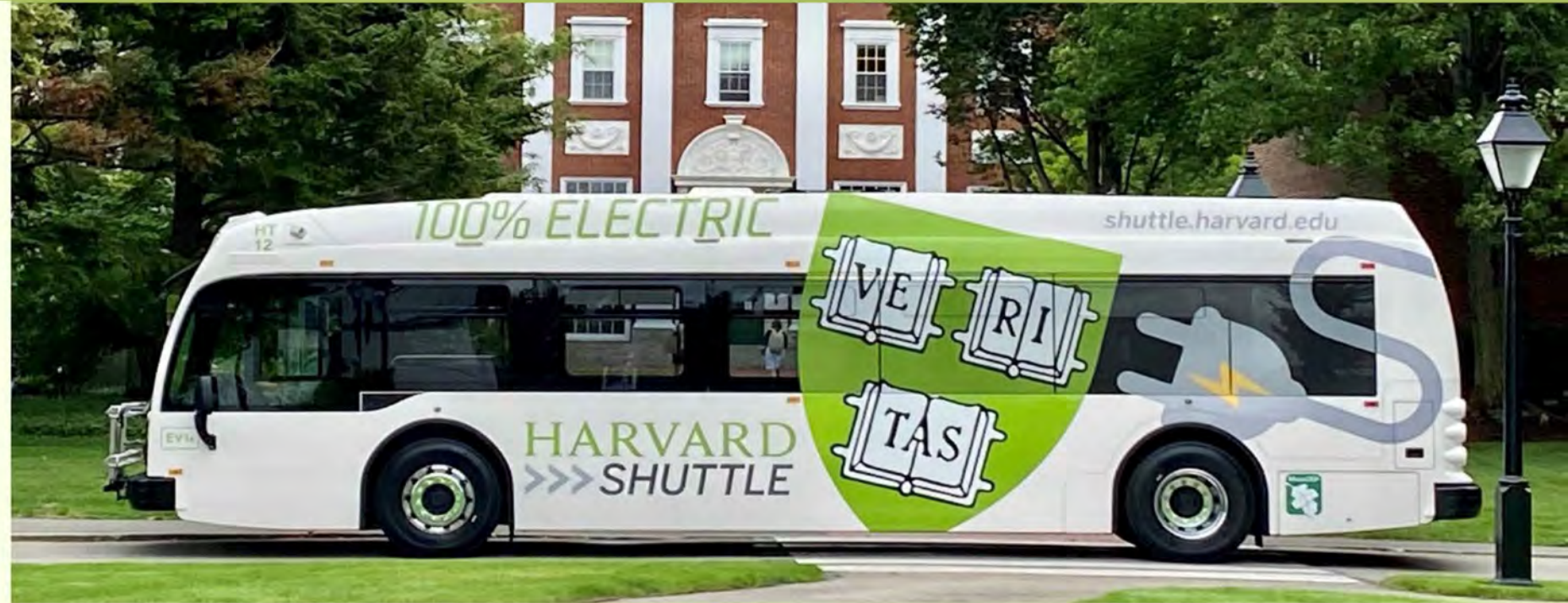
1,700

Products with publicly disclosed ingredients & selected by Harvard to address health, equity, and circularity



100% ELECTRIC BUSES

- Demonstrating effectiveness of 100% EV Buses in Northeast
- Own and operate electric infrastructure and EV buses
- Local health benefits



220,462
pounds less GHG

0.013
metric tonnes less
PM 2.5

0.752
metric tonnes less
NOx

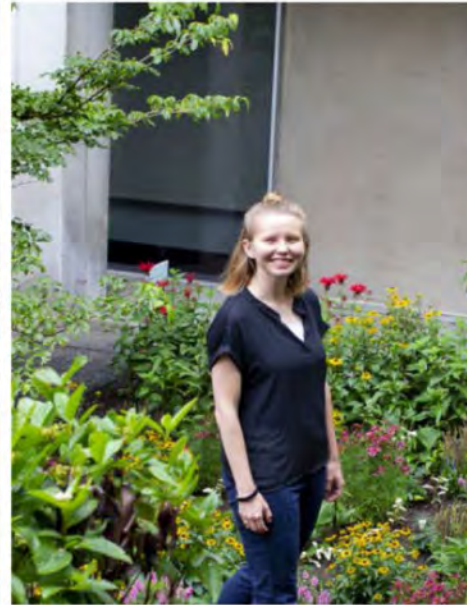
ON-SITE RENEWABLE ENERGY

2.5 MW installed

- Solar projects, including 6 solar thermal installations
- Ground source heat pumps
- Building-mounted wind energy pilot projects



HARVARD STUDENTS ADVANCE SUSTAINABILITY IN SERVICE TO THE COMMUNITY





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