



# 2019

## Town Gown Report



HARVARD  
UNIVERSITY

*for the*

City of Cambridge  
Planning Board Presentation

**OVERVIEW**

**PLANNING & PROJECTS**

**SUSTAINABILITY**

**HARVARD IN THE COMMUNITY**

**2019**

**Town Gown Report**



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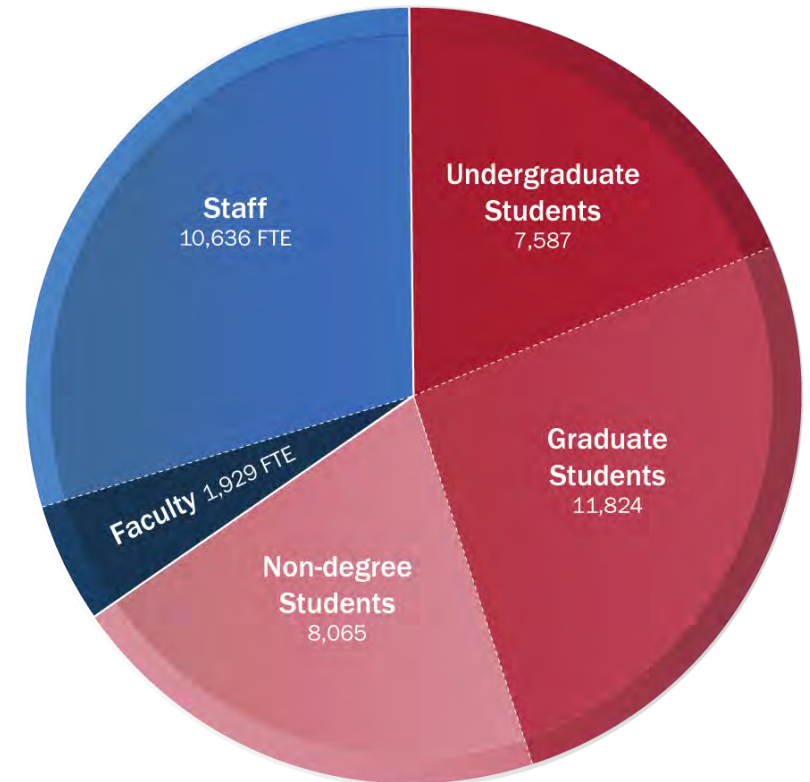
# Overview





Photo: Harvard Campus Services

## Cambridge-based Harvard Affiliates





- **214 Acres** of Land in Cambridge
- **393 Buildings** with 16.1M SF

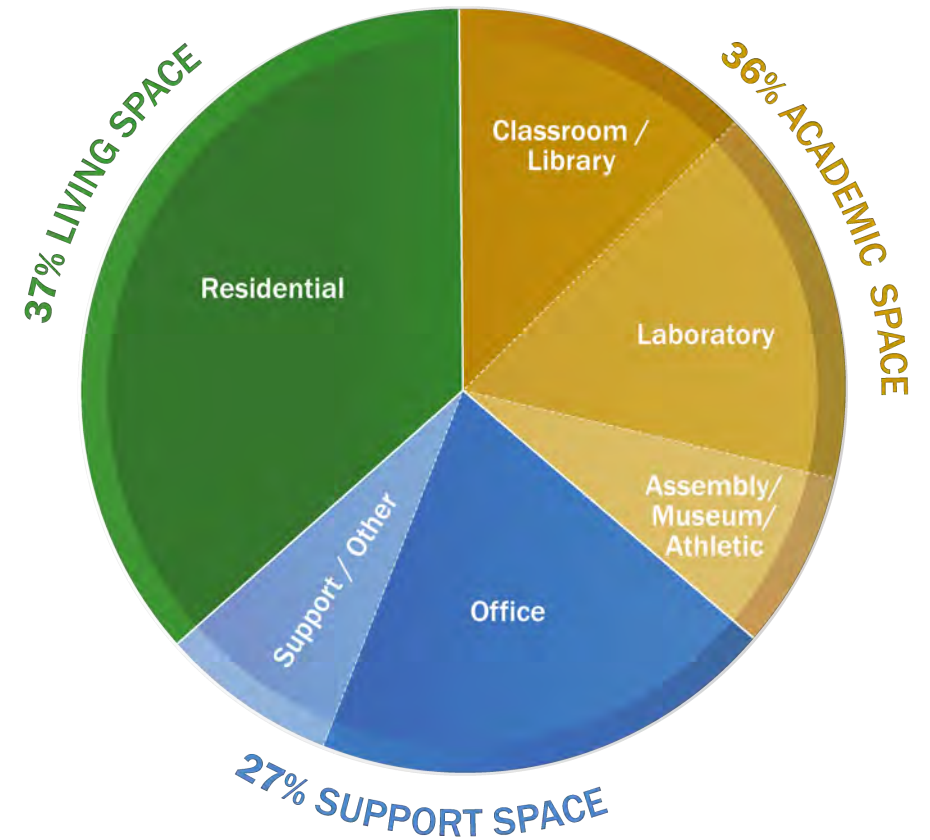


Photo: Nic Lehoucq

# Planning & Projects

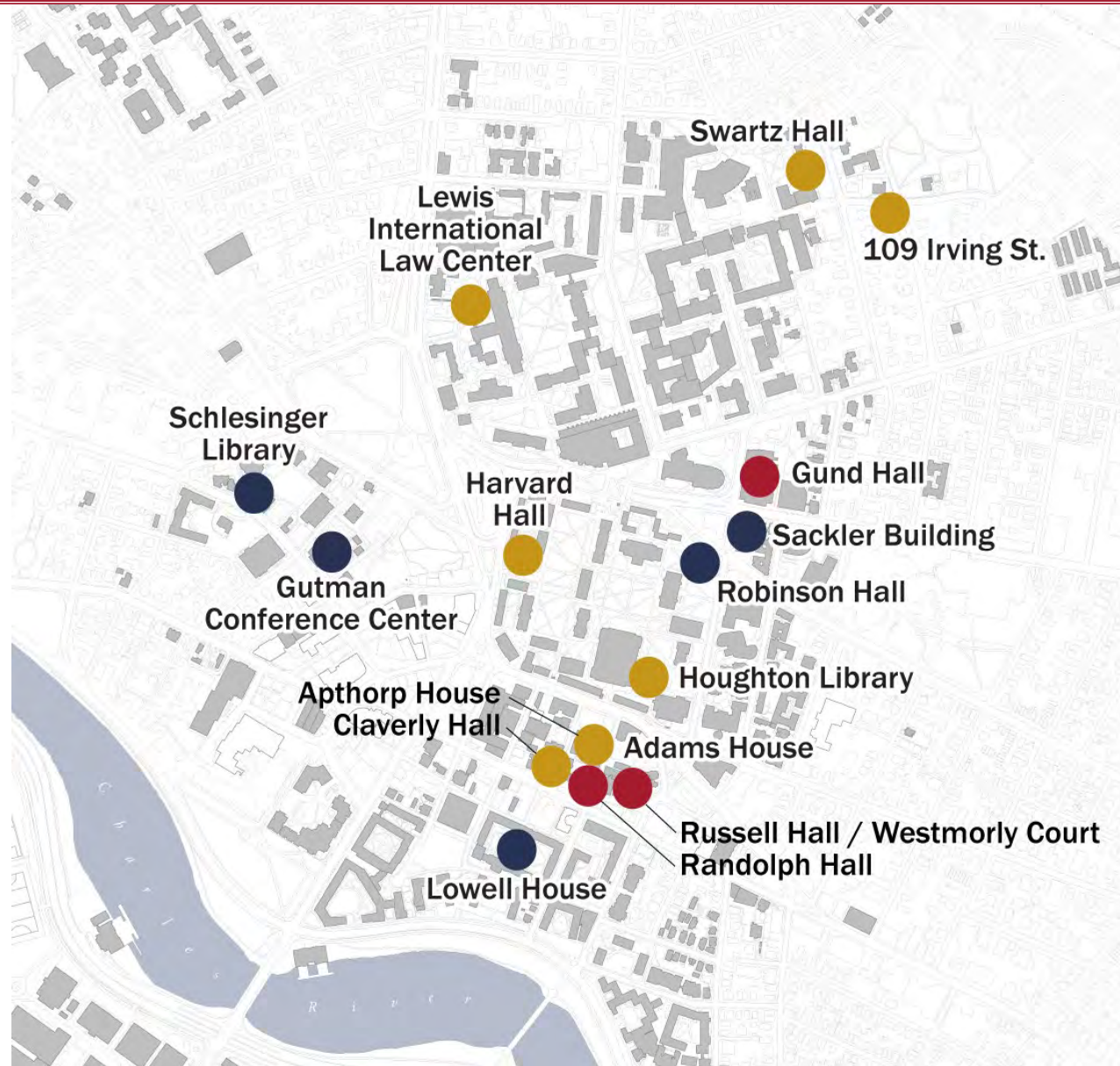
## Programmatic Drivers

- Fostering Inclusion and Belonging
- Advancing Research and Scholarship
- Investing in Science and Engineering
- Supporting the Arts and Humanities
- Housing Harvard's Affiliates
- Enhancing the Campus Experience

# Campus Planning Principles



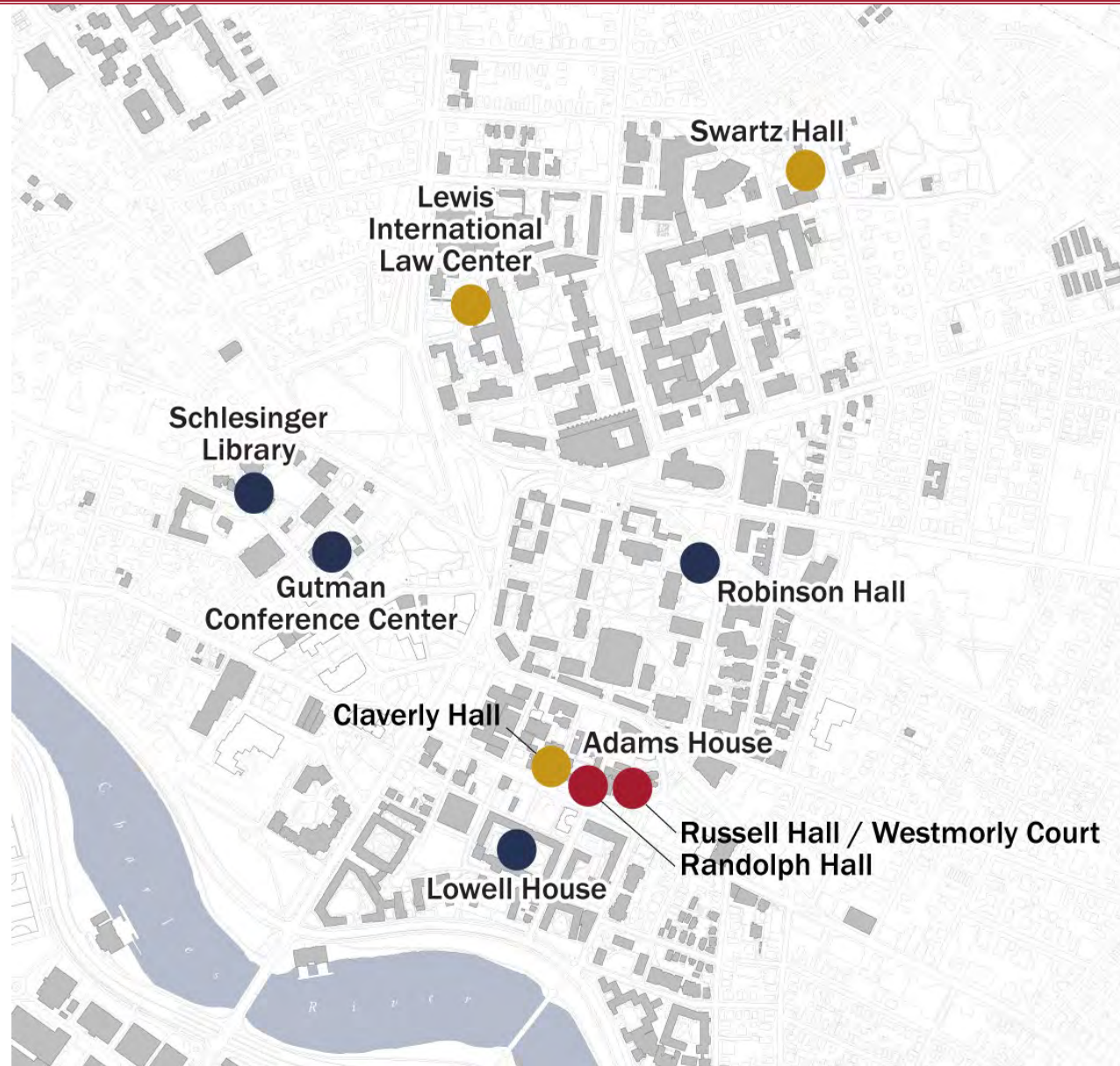
# Current Projects



- Recently Completed
- Currently in Construction
- Projects in Planning



# Current Projects



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# LOWELL HOUSE

Harvard College

Recently Completed - Renovation



Photo: Peter Vandermarker



# LOWELL HOUSE

Harvard College - Recently Completed - Renovation

*Photo: Peter Vandermark*



# LOWELL HOUSE

Harvard College - Recently Completed - Renovation

*Dining Hall*

*Photos: Peter Vanderwerker*



# LOWELL HOUSE

Harvard College - Recently Completed - Renovation

*Library*

*Photo: Peter Vandervarker*



## LOWELL HOUSE

Harvard College - Recently Completed - Renovation

Screening Room

*Photo: Peter Vanderwerker*



# LOWELL HOUSE

Harvard College - Recently Completed - Renovation

*Practice Room*

*Photo: Peter Vanderwerker*

# ADAMS HOUSE CLAVERLY HALL

Harvard College

Currently in Construction - Renovation





ADAMS HOUSE  
RANDOLPH HALL  
RUSSELL HALL  
WESTMORLY COURT

Harvard College

Project in Planning - Renovation



# ROBINSON HALL

Faculty of Arts and Sciences

Recently Completed - Renovation





# ROBINSON HALL

Faculty of Arts and Sciences - Recently Completed - Renovation

*Photo: Raj Das*

# SCHLESINGER LIBRARY

Radcliffe Institute for Advanced  
Studies

Recently Completed - Renovation



Photo: Kevin Crabb, RLA



# SCHLESINGER LIBRARY

Radcliffe Institute for Advanced Studies - Recently Completed - Renovation

*Photo: Kevin Grady | RIAS*

# GUTMAN LIBRARY

Harvard Graduate School of  
Education

Recently Completed - Renovation





**GUTMAN LIBRARY**  
Harvard Graduate School of Education - Recently Completed - Renovation

*Photo: Anton Grassl*

# SWARTZ HALL

Harvard Divinity School

Currently in Construction - Renovation







# SWARTZ HALL

Harvard Divinity School - Currently in Construction - Renovation and Addition

# LEWIS INTERNATIONAL LAW CENTER

Harvard Law School

Currently in Construction - Renovation





# LEWIS INTERNATIONAL LAW CENTER

Harvard Law School - Currently in Construction - Renovation

# Allston Update



# Trees

## Comprehensive Tree Inventory Completed in 2019

- 23,000+ trees (5,000 in Cambridge)
  - Majority of trees in good health
  - Balanced diversity of age and species



# Transportation

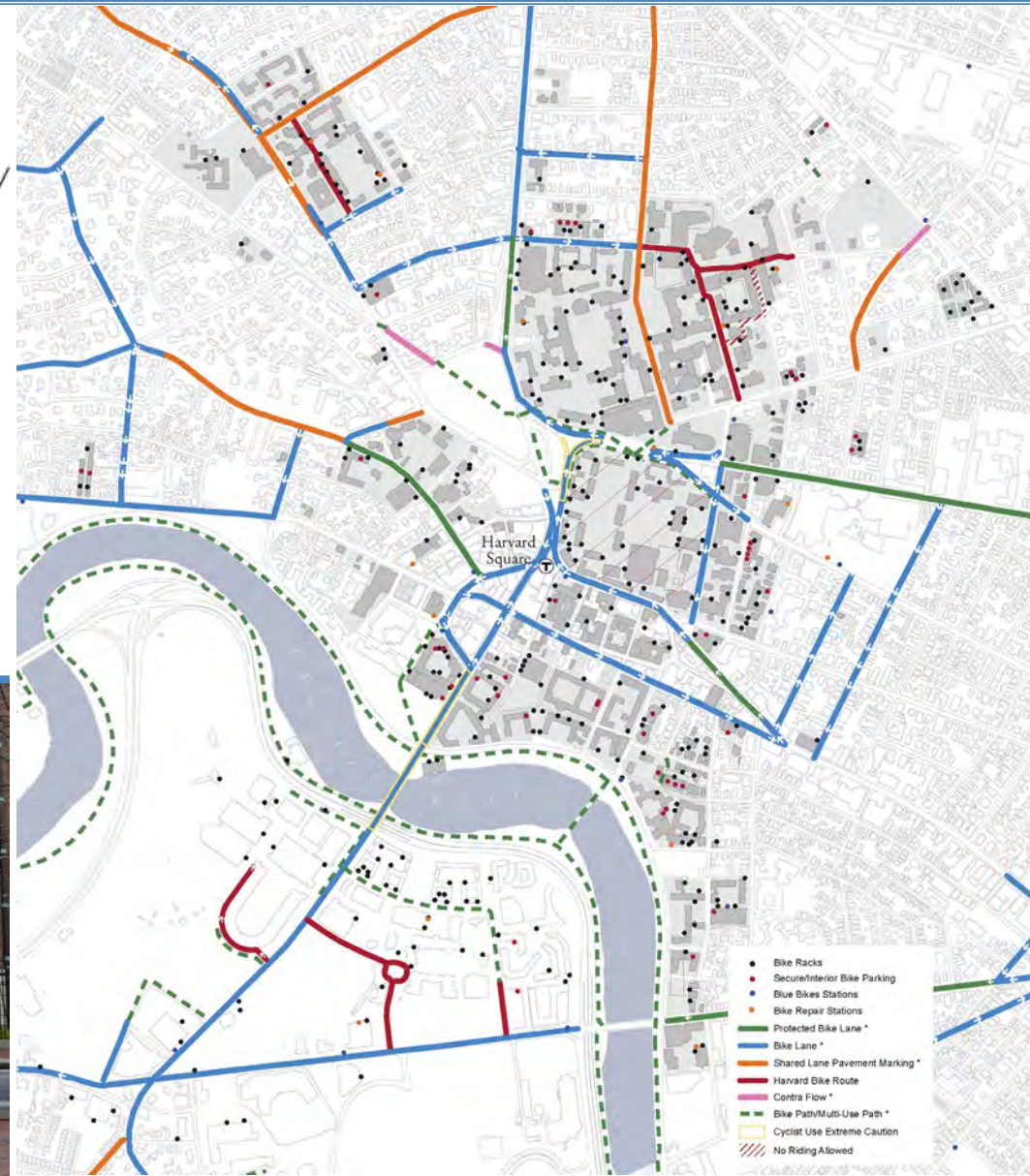
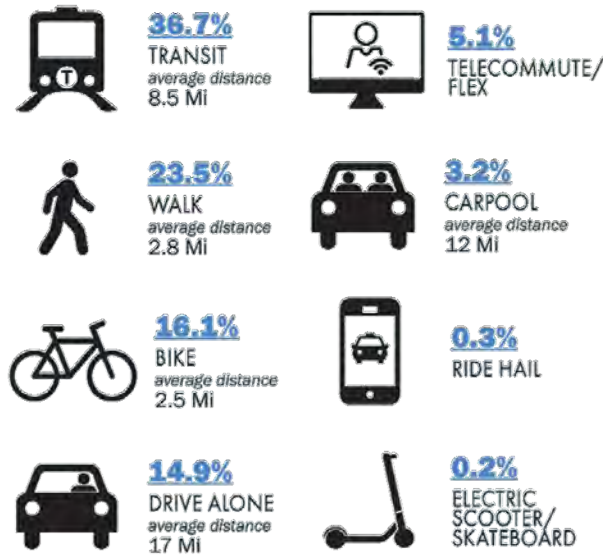
## Sustainable Commuting

**85%** of Harvard employees commute to the Cambridge campus via a sustainable mode.

## Low SOV Rate

Harvard remains a leader among Cambridge large employers for its low **14.9%** single-occupant vehicle rate.

### HOW HARVARD COMMUTES:



Staff Photo: Rose Lincoln / Harvard News Office

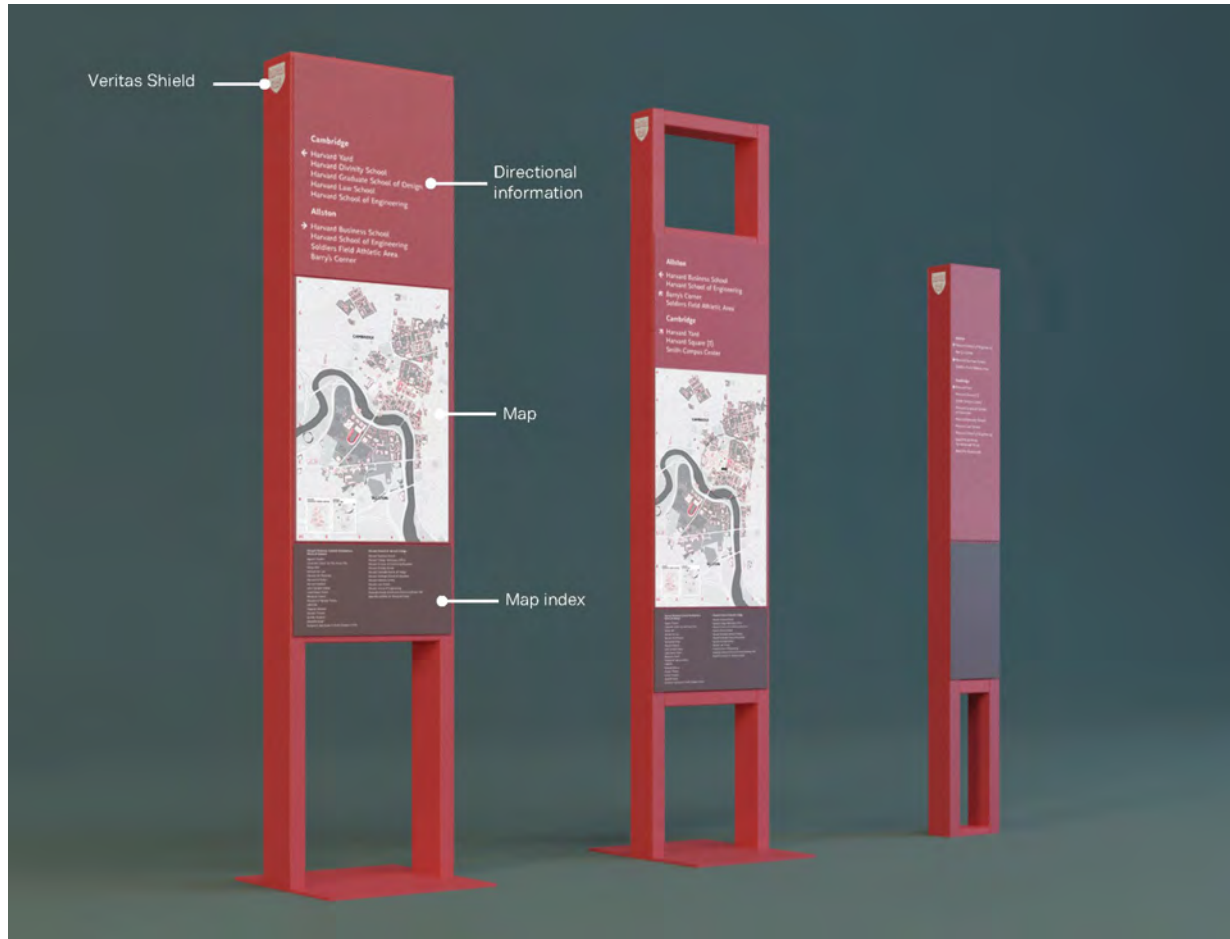


Photo: Vanessa Nwankwo / Harvard Planning Office

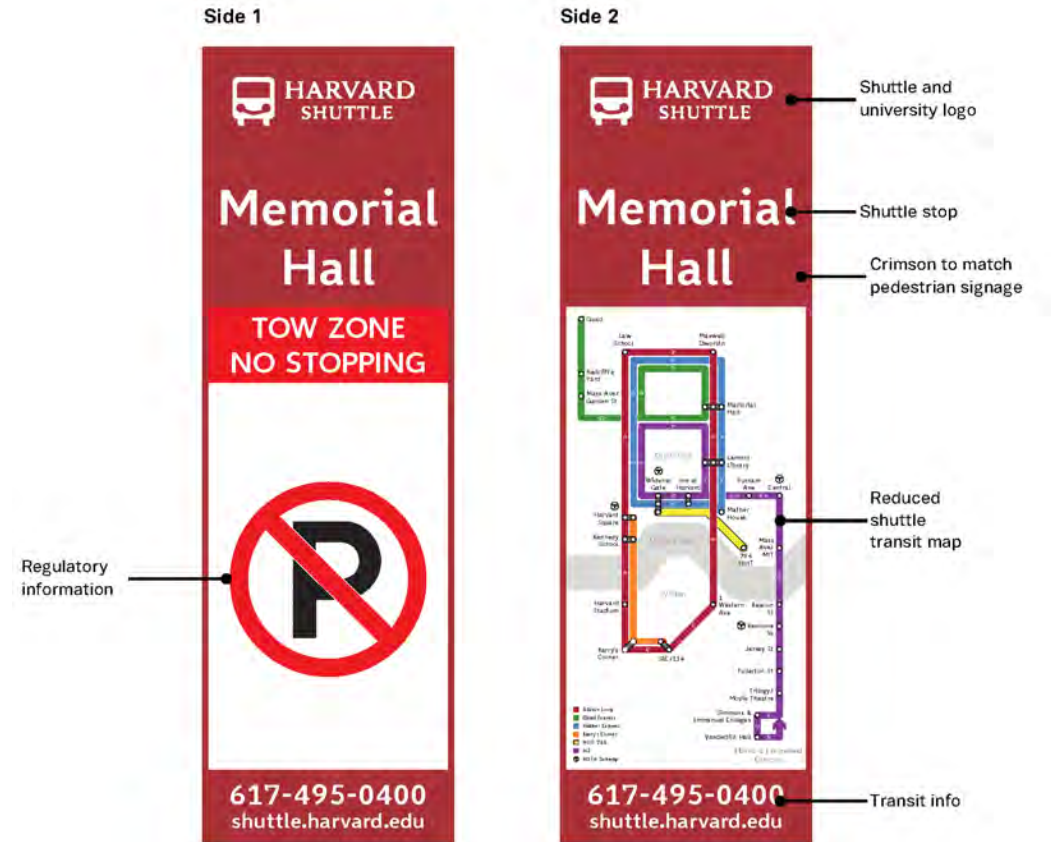
# Transportation

## Wayfinding Improvements

### Pedestrian Signs



### Shuttle Signs



## **Translating Research into Action:** **Healthier, climate-friendly, and resilient buildings and community**



## 2019 Recipient of The Climate Registry's Climate Leadership Award

- The Climate Registry recognized Harvard's ambitious climate goals to be **Fossil Fuel-Free by 2050** and **Fossil Fuel-Neutral by 2026**
- Honored at the **Climate Leadership Conference**, an important platform to influence and scale Harvard's work for global benefits



## Founding signatory to the Cool Food Pledge

- A **global coalition committed** to reducing food-related greenhouse gas emissions collectively by 25 percent by 2030
- **Launched at 2019 UN Climate Action Summit** and includes **diverse organizations** (e.g., City of Milan, IKEA, World Bank) collectively serving >800 million meals annually



## Data transparency and accountability: Harvard's Sustainability Data Hub, case studies, and lessons learned



## Data-driven sustainability progress and decision-making

- **152 LEED-certified spaces** (100 in Cambridge, which is ~50% of all Cambridge LEED-certified spaces)
- 1st and 2nd LEED v4 commercial interiors projects in MA
- Nearly 2.1 MW of on-site solar projects (~1 MW in Cambridge), including 1<sup>st</sup> installed storage project
- Harvard Green Labs Program (est. 2008) reduced GHG emissions in labs by 33%. Harvard transfers this knowledge through co-leading the Cambridge Net Zero Labs Working Group



## HARVARD UNIVERSITY SUSTAINABILITY PLAN

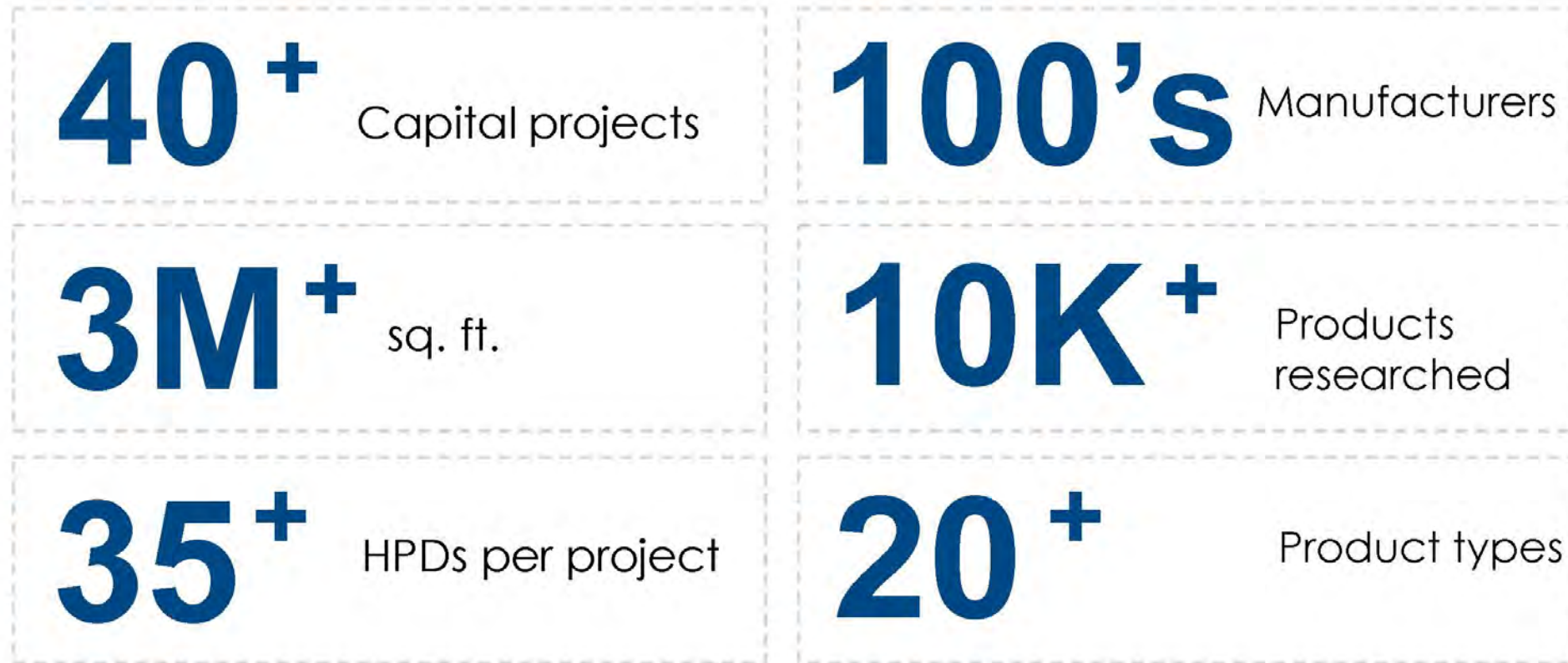
### HARVARD'S CLIMATE ACTION PLAN:

FOSSIL FUEL-FREE BY 2050

FOSSIL FUEL-NEUTRAL BY 2026

[green.harvard.edu/climate](https://green.harvard.edu/climate)

## Going Beyond Climate to Integrate health into the built environment: Harvard Healthier Building Materials Academy (HBMA)



## Harvard and Cambridge partnerships for knowledge transfer and scaling

- Founding Cambridge Compact for a Sustainable Future Board Member & Vice Co-Chair
- **Founding and Current Co-Chair of Cambridge Net Zero Labs Working Group**
- Harvard staff actively participate in many **sustainability-related stakeholder groups**:
  - Building Energy Use Disclosure Ordinance (BEUDO) stakeholder sessions
  - Cambridge Carbon Fund Study
  - Cambridge Climate Resiliency Zoning Task Force
  - Net Zero Action Plan
  - Resiliency and Renewable Thermal Project Steering Group
  - Urban Forest Master Plan Task Force

## Transformational partnerships with the local community

### 2019: Harvard launched collaboration with CRLS on Climate & Sustainability

- Harvard partnered with **Cambridge science teachers** who are leading a **Climate Justice Program**
- Harvard graduate and undergraduate students are collaborating with CRLS teachers on the **integration of climate and sustainability into the classroom**



**HARVARD**  
Office for Sustainability

# Harvard's Engagement with Cambridge Public Schools

- Harvard programs are in each and every CPS school
- Programs range from curriculum-based programs, to summer school, to enrichment programs for all grade levels and interests
- Harvard creates opportunities for CPS educators to access professional development, academic coursework and workshops.
- Harvard also offers programs for Cambridge parents and families





# Highlights include:



- **Mind Matters:** Families Make a Difference, a program for CPS families and parents of 3-8-year-olds
- **Project Teach:** Harvard's Official College and Career Program
  - All 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> graders participate in on-campus activities, and receive pre- and post-visit resources and instruction
- Harvard offers dozens of stem related programs throughout CPS including an 8<sup>th</sup> grade science and engineering showcase
- **The Harvard Crimson Summer Academy** is a rigorous enrichment program that provides academically talented, but financially challenged, high-school students with the skills and financial support to excel in college
- **The Cambridge Harvard Summer Academy** is a free six-week program that serves as Cambridge's official summer school for high school students

# Harvard Local Housing Collaborative

In 2019, Harvard recommitted \$20 million to the Harvard Local Housing Collaborative. Since 2000, this initiative has leveraged over \$1.3 billion for affordable housing development in the Greater Boston area.

Over the past two decades, Harvard has helped finance the preservation and creation of 1,600+ units in Cambridge across 30+ developments

## Elm Place

*Corner of Cambridge and Elm Streets, Cambridge*

- A former vacant antiques mall, Elm Place comprises affordable rental units and commercial space, featuring LEED Gold standards.
- 19 affordable rental units
- \$1,000,000 in Harvard funding provided to Just-A-Start Corporation in partnership with Cambridge Affordable Housing Trust.



# Engaging with the Cambridge Community

## Clinical and Pro Bono Legal Programs

- Harvard Law School offers 18 in-house clinics and 11 student-run volunteer groups, by providing free legal help to residents on issues ranging from housing, family law, domestic violence, taxes, consumer protection, government benefits, criminal defense, special education, immigration, and bankruptcy.
- Nearly 400 Cambridge residents received pro bono assistance last year.

## Harvard's partnership with Food for Free

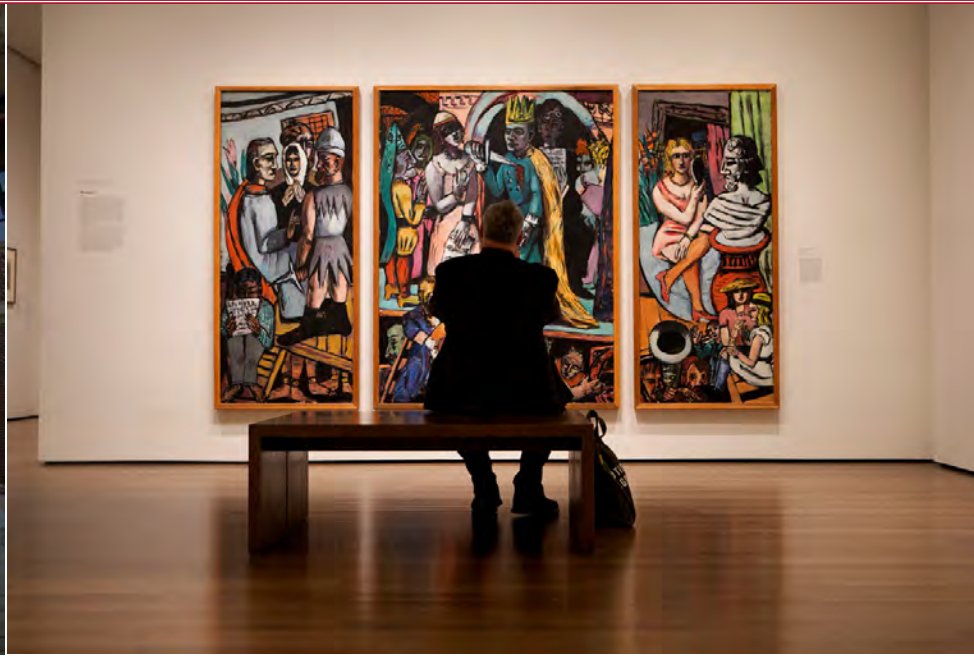
- Harvard partners with Cambridge nonprofit Food for Free to address chronic hunger in the Greater Boston area by donating surplus food to Food for Free, which then distributes it to local families. Each week, around 1,000 nutritious meals are donated to families in need.

## Cambridge Students Attending Harvard

- 24 students from Cambridge, including 18 from CRLS, were accepted to Harvard College for this past academic year.
- Over the past five years, 111 Cambridge residents, 73 of them from CRLS, were admitted to Harvard College.
- Harvard has a robust financial aid package. Massachusetts students enrolled in Harvard College received an average of \$49,200.



# Exploring Harvard's Resources



- Lectures
- Performances
- Exhibitions
- Museums
- Libraries
- Learning
- Athletic events
- Tours

# Resources for Additional Information

## PLANNING

Harvard Planning Office

[www.planningoffice.harvard.edu/](http://www.planningoffice.harvard.edu/)

Construction Mitigation

[www.construction.harvard.edu](http://www.construction.harvard.edu)

## HARVARD IN THE COMMUNITY

[www.community.harvard.edu](http://www.community.harvard.edu)

## SUSTAINABILITY

Office for Sustainability

[www.green.harvard.edu](http://www.green.harvard.edu)

Harvard University Sustainability Plan

[www.green.harvard.edu/plan](http://www.green.harvard.edu/plan)

Sustainability Report

[www.green.harvard.edu/report](http://www.green.harvard.edu/report)

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