Education

Taskforce on the Future of MIT Education

- Laying a foundation for the future
- Transforming pedagogy
- Extending MIT’s educational impacts
- Enabling the future of MIT education
Research

Initiatives

- Health
- Energy
- Environment, Water, & Food

Innovation

- Foster innovation communities
- Rewire infrastructure

- Idea-to-impact education
- Develop science of innovation
- Foster innovation communities
Creating Spaces to Support MIT’s Mission

MIT 2030 - Capital Plan Summary

- Tracks to strategic guidelines with emphasis on renewal of existing buildings and focus on fundraising needs for academic and student life projects
- Significantly reduces the deferred maintenance in priority buildings
- Addresses student housing issues early in the plan
- Emphasizes projects that open gateways to the Campus
Capital Plan: Key Elements

Investment priorities
- Capital Renewal $100M/yr
- Comprehensive Upgrade $ 50M/yr
- New Construction $ 50M/yr

Investment stream
- Academic/Research
- Student Life
- Infrastructure

Planning Horizon

Renewal and Comprehensive Stewardship

Facility Condition Index with and without approved spending

No Spend
Approved Spend
TARGET (FCI = 0.15)
Renewal Priorities FY13-15

$250M allocated over 3 years to accelerate Capital Renewal

Areas of focus

- Roofs
- Mechanical equipment
- Utilities, HVAC
- Major building components
- Plazas
- Roadways

Current Renewal Projects

Building 66

MIT Chapel

Building 2

Building E52
New Construction

MIT.nano

MIT Police Officer Sean Collier Memorial

610 Main Street North

In Planning & Design

Kresge Auditorium

Cogeneration Plant

West Campus Study Area
East Campus - Kendall Square Initiative

Project Goals

- Enhancing the existing Kendall Square innovation cluster
- Creating a lively urban environment
- Establishing a vibrant new gateway
- Connecting campus, dynamic business district, and nearby neighborhoods
- Creating an overall development plan that is feasible

Extensive Community Engagement

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-2011</td>
<td>Initial planning and public engagement</td>
</tr>
<tr>
<td>2011-2013</td>
<td>K2 Study, Faculty Task Force Report, community meetings, PUD-5 Zoning Amendment</td>
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<tr>
<td>2013-2014</td>
<td>Graduate Student Housing Study, MIT East Campus Urban Design Study</td>
</tr>
<tr>
<td>2014</td>
<td>School of Architecture &amp; Planning Faculty Plan Refinement</td>
</tr>
<tr>
<td>2014-2015</td>
<td>Commencement of schematic design</td>
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<tr>
<td>2015</td>
<td>Special Permit filing</td>
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</tbody>
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Five years of community engagement and dialogue
Enhanced Conceptual Site Plan

Looking Ahead to Article 19

- Design teams fully engaged
- Working with Cambridge Historical Commission to address the historically significant buildings on Main Street
- Expect to start the Article 19/PUD special permit process this spring
Housing

Graduate Housing Study

- Task Force recommended housing for an additional 500-600 students
- East Campus Study recommended housing in Kendall Square
- West Campus Study Team is also considering locations for new housing
Housing Renewal

Sustainability
Sustainability Organized Across MIT

**Level: Campus Sustainability Taskforce**
- Campus Climate Conversation
- Transportation and Parking Committee

**MIT Office of Sustainability Working Groups**

**Related MIT Committees**

**City of Cambridge Initiatives**

Our Approach to Sustainability

**Sustainable Systems**
Creating campus systems that promote the well-being of people & the environment.

**Living Lab**
Harnessing the power of on-site learning to find solutions for campus & the world.

**Collaborative Communities**
Collective problem-solving and strategic partnerships across local, regional, and global communities.
MIT in Cambridge 1916 - 2016