



Office of Sustainability

# Campus as a Test Bed

By activating the campus as an **urban living laboratory & test bed** for sustainability, MIT brings students, staff and faculty together to address current sustainability challenges and enables the development of innovative, scalable solutions for application on campus and in the world.

# SOLVING FOR SUSTAINABILITY ACROSS SYSTEMS



City-Campus  
Shared  
Solutions



Clean Energy



Healthy &  
Accessible  
Food System



High  
Performance  
Buildings



Resilient  
Ecosystems



Sustainable  
Consumption



Future of  
Transportation



Water  
Conservation

MITOS leverages the campus as a test bed to inform and reimagine systems that advance a comprehensive commitment to sustainability

**213,428** ~1,500

MIT's 2014 baseline  
greenhouse gas  
emissions (MTCO<sub>2</sub>)

Tons of recycling  
that require  
decontamination

**~24,000**

Students, staff and  
faculty at MIT

**HOW DO WE GET TO  
NET ZERO CAMPUS  
EMISSIONS BY 2060?**

**HOW DO WE  
CREATE 100%  
CLEAN RECYCLING  
STREAMS?**

**HOW DO WE MOVE  
PEOPLE TO, FROM,  
AND AROUND CAMPUS  
WITHOUT CARBON?**

# CAMPUS SUSTAINABILITY INCUBATOR FUND

Using the Campus as a Test Bed calls for **rigorous campus-based** research.

The **Campus Sustainability Incubator Fund** supports this research by providing seed funds to teams of students, faculty, and researchers to explore the physical and social contexts in which they are working, learning, and living at MIT. Funded projects have explored new methods for battery storage, carbon neutral cooling, building life cycle assessment, and more.

MITOS hopes to evolve the Fund to address new areas of innovation as MIT's commitment to sustainability continues to.

**FIND OUT MORE**

[sustainability.mit.edu/csif](https://sustainability.mit.edu/csif)



***Top:** The water plume collection technology seeks to reduce water usage of the MIT Co-generation Plant (now Infinite Cooling).*

***Bottom:** An analysis comparing the benefits of material recovery with the burden of the glove recycling process.*



## THE TEST BED STARTS WITH YOU

MITOS in partnership with collaborators across campus is poised to transform the campus and its surroundings into a scalable laboratory, in which to devise, pilot and evaluate the sustainable strategies of today and the emerging next generation strategies for tomorrow.



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**MIT OFFICE OF SUSTAINABILITY**  
sustainableMIT@mit.edu  
sustainability.mit.edu

MIT Office of Sustainability (MITOS) seeks to inspire and enable the continuous generation of breakthrough sustainability solutions to transform our campus, our city and the globe.