

careers in

sustain- ability



what is the future of sustainability?

Sustainability is the initiative to change the way businesses, NGOs and nonprofits view, use, and manage resources. The ultimate goal? To enable people, communities, businesses, organizations, and the planet to flourish while taking an in-depth, integrated look at existing structural models; and to redefine the notion of sustainability by incorporating social equity, economic development, and environmental restoration at all levels. To be clear, the initiative is not simply about solving existing problems, but rather takes a unique focus on seizing existing opportunities for greater long-term economic, social, and environmental benefit.

“Up until now we have considered aspects of sustainability — climate, energy, water, food, poverty and social development — in isolation. S-Lab is developing an integrated framework to consider the system-wide dynamics of human society along with tools and methodologies for measuring and monitoring sustainability efforts and their applications.”

**— Richard Locke, Alvin J. Siteman Professor
of Entrepreneurship and Political Science**



Richard Locke, Alvin J. Siteman Professor of Entrepreneurship and Political Science leads an in-depth discussion on sustainability.

Inside the Classroom

- 15.023J Global Climate Change: Economics, Science, and Policy
- 15.269 Literature, Ethics, and Authority
- 15.396 Energy Ventures
- 15.398 Entrepreneurs in Innovation: Information Technology, Energy, Biotechnology and Communications
- 15.828 Design and Marketing New Products
- 15.963 Social Entrepreneurship
- 15.965 Ethical Practice: Professionalism Social Responsibility and the Purpose of the Corporation
- 15.970 The Board's Role in Corporate Governance
- 15.971 Developmental Entrepreneurship
- 15.973 Issues in Corporate Governance
- 15.975 Leading Profound Innovation for a Sustainable World
- 15.983 Strategic Opportunities in Energy
- 15.991 Strategic Planning for Non-profit Organizations
- 15.992 S-Lab: Laboratory for Sustainable Business

SUSTAINABILITY @ MIT

MIT's focus on the environment spans many facets of life in our community from the strategic goals and policy of our administration, to the academic programs and research activities of our faculty and students, to recycling, composting, green goods procurement, and toxic use reduction initiatives across our entire community. Here are a few of the cross campus initiatives:

- > MIT Generator — catalyzing over twenty well-funded student-led projects promoting a green campus through energy use reduction, renewable energy generation, behavior change, local food sourcing, environmental awareness, procurement policies, and more.
- > Biodiesel@MIT— bringing biodiesel to MIT's campus.
- > GreenSAP — offering environmental audit toolkit, lower-impact catering, info on campus projects beyond MIT, and environmental commitment cards for faculty and staff.
- > MIT Food Initiative — a campus where sustainable food is the norm.
- > Energy Retrofits — a group that identifies energy-saving retrofits and advocates for their implementation on campus.
- > Closing the Loop — increasing awareness of resources used at an individual and community level through communication and feedback.
- > Energy Map — creating a real-time energy use map of the campus.
- > Dorm Electricity Competition — reducing electrical energy usage through a dorm competition.
- > MIT Solar Electric Vehicle Team — promoting alternatively powered vehicles.
- > MIT Student Pugwash — promoting social responsibility in technology.
- > SAVE: Share A Vital Earth — promoting environmental conservation.
- > SfGS: Students for Global Sustainability — sustainable development and conservation projects on both the global and local levels.



Net Impact, SEID and E&E hosted the first annual Sustainability C-function. The event, which included recycling games, appearance by Captain Planet and organic food had a big impact on the community while leaving only a small environmental footprint. Despite accommodating almost 300 attendants, there was less than one bag of trash at the end of the night!

CEEP

The MIT Clean Energy Entrepreneurship Prize's (CEEP) mission is to be the catalyst for a unified competition to help develop a new generation of energy entrepreneurs and great new companies. This is achieved by working to stimulate productive relationships between academic, community, industry, and government organizations with strong interests in meeting the world's energy challenge through innovation and entrepreneurship. The MIT CEEP was conceived by the MIT Entrepreneurship Center and made a reality through the partnership of the MIT \$100K Entrepreneurship Competition and the MIT Entrepreneurship Center. In its 2008 inaugural year, over \$200K was awarded to teams in the competition.

“The intertwined crises of energy and environment form the defining challenge of this generation. As a nation, we need to see this challenge not through the dreary, gray lens of impending diminishment and compromise, but, rather, illuminated by the powerful beacon of American ingenuity. If we unleash the same engine of innovation that powered the computer and biotech revolutions, energy and its environmental consequences could become a driving force for economic growth and a unifying national inspiration – an Apollo project for our time.”

— Susan Hockfield, President, MIT

“It has been my experience that MIT Sloan has a groundswell of social consciousness in areas like health, energy and sustainability that has given us a vibrancy - you see it pop up in classes, projects and discussions on how to effect change - that has led to very conscious efforts by members of my own class to work at positions after school where that impact can be immediate.”

— Jacob Levy, MBA '08



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