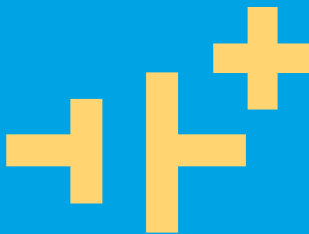


careers in

# energy



# what is the future of energy?

Since MIT's founding, the Institute has been on the cutting edge of research and policy by creating laboratories, experimenting with materials and processes and investigating the underpinnings of public opinion.

MIT Sloan plays an important role within the MIT community by linking careers in science, engineering, policy and business. In 2005, Susan Hockfield, President of MIT, announced a new energy initiative, saying that the Institute had a responsibility to address the world's energy problems. Today, energy education at MIT Sloan leverages the cutting-edge energy initiatives ongoing throughout MIT, connects students interested in energy with each other, as well as offers courses focusing on the energy industry that gives students a unique advantage.

"I chose MIT Sloan because it is at the epicenter of the east coast cleantech community. I have become friends with a great group of energy-focused fellow students and built a great professional network during my first year. I'm excited to start my summer internship with a cleantech venture capital firm and see what next year holds in store."

— Dan Cahan MBA '09



John Doerr, Partner, Kleiner Perkins

Caufield & Byers speaking at the 2008

MIT Energy Conference

## Inside the Classroom

### MIT Sloan Classes:

15.396	Energy Ventures
15.983	Strategic Opportunities in Energy
15.398	Entrepreneurs in Innovation: Information Technology, Energy, Biotechnology and Communications
15.023J	Global Climate Change: Economics, Science, and Policy
15.828	Design and Marketing New Products

### Cross-Divisional Courses: (Selections from the over 80 energy-related classes across campus)

14.444	Energy Economics and Policy
12.213	Alternate Energy Sources
10.391J	Sustainable Energy
10.579	Applications of Technology in Energy and the Environment
11.369J	Energy Policy for a Sustainable Future
ESD.126	Energy Systems and Economic Development
5.92	Energy, Environment, and Society
4.464	Building IV: Energy in Building Design
ESD.163J	Managing Nuclear Technology
STS.038	Energy and Environment in American History
10.04	Energy: An Intellectual History
12.103	Strange Bedfellows: Science and Environmental Policy

## ANNUAL ENERGY EVENTS

**MIT Energy Conference:** The student planned and run MIT Energy Conference is organized by the MIT Sloan Energy & Environment Club and MIT Energy Club. This conference brings 600+ energy industry leaders, investors, researchers, and students together at MIT to discuss practical, multi-disciplinary solutions to the global energy challenge. Panel sessions included Carbon Capture and Sequestration, End-use Efficiency, Transmission Infrastructure, Geothermal Energy, The Future of Vehicles, Nuclear Power, Renewables at Scale, and Innovation in Energy.

**Energy Night:** MIT Energy Night is an energy community showcase held annually. This event brings together the science, engineering, policy, and business energy communities at MIT. This year's topics included:

- > **Spinach Solar Cells**
- > **Alternative Transportation Fuels**
- > **High Current Energy Storage**
- > **Nanotube Enhanced Ultracapacitors**
- > **Thermophotovoltaics**
- > **Photovoltaic Nanodefekt Engineering**

**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. CEEP stimulates 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, conceived by the MIT Entrepreneurship Center and in partnership with the MIT \$100K Entrepreneurship Competition, awarded over \$200K during the inaugural competition.

**Energy Treks:** Massachusetts Energy Trek, Silicon Valley Energy Trek, Houston Energy Trek



Students visit an oil rig during the Houston Energy Trek

### A sample of speakers for 2007-2008:

- > Senator Jeff Bingaman, Chairman of Senate Energy and Natural Resources Committee
- > Samuel Bodman, Secretary, US DOE
- > John Doerr, Partner, Kleiner Perkins Caufield & Byers
- > Peter Duprey, CEO, Acciona North America
- > Steve Isakowitz, CFO US DOE
- > Ric Fulop, Founder, A123Systems
- > Vinod Khosla, Founder, Khosla Ventures
- > Jim Rogers, Chairman, President and CEO, Duke Energy
- > Dan Reicher, Director of Climate Change and Energy Initiatives, Google.org

“Over the last 30 years, the words ‘sustainable energy’ have gotten a little tired—not from overuse but from lack of progress. I believe that the country and the world may now be ready to focus on these matters and it is MIT’s responsibility to lead the way,”

— Susan Hockfield, President, MIT

“MIT Sloan is the place to be if you want to learn about energy during your MBA or work in the energy sector following your MBA. The combination of technologists with cutting-edge innovations, policy researchers with deep real-world influence and energy business leaders is unique. MIT Sloan is the first place my company turns to recruit MBAs.”

— Michael Rogol, MBA '99, Managing Director, Photon Consulting



want more?

<http://mitsloan.mit.edu/mba>