



MIT IAP ENERGY FORUM

Energy Myths & Realities:
How are We Really Going to Deal with the Challenge of Global Warming?

January 31, 1:00-5:00PM
Stata Center
Room 32-155

Basic Question:

How much CO₂ emissions avoidance can we realistically expect to get from various energy sources in the next 25 years and what will limit/enable their deployment?

1:00-2:00 PM: Focusing Keynote – *William Sweet*, author of “Kicking the Carbon Habit”, will provide point of reference for rest of presentations/discussion (45 minute presentation - 15 general discussion)

2:00-2:15 PM: DISCUSSION BREAK (Coffee/Snacks)

Experts from these areas will have 10 minutes each to rebut/respond to Sweet’s comments and speak about realistic potential and limitations.
(10 minute presentation – 5 min reaction)

2:15-2:30 PM: Nuclear: *Prof. Andrew Kadak, MIT Nuclear Engineering*
2:30-2:45 PM: Coal w/ CCS: *Howard Herzog, Lead Researcher, MIT Laboratory for Energy and the Environment*
2:45-3:00 PM: Natural Gas: *Robert LaCount, Director, CERA*
3:00-3:15 PM: Conservation: *Dan Sosland, Exec. Director, Environment Northeast*

3:15-3:30 PM: DISCUSSION BREAK (Coffee/Snacks)

3:30-3:45 PM: Wind Power: *Joshua Magee, Senior Analyst, North American Wind Markets, Emerging Energy Research*
3:45-4:00 PM: Solar Power: *Travis Bradford, Founder, Prometheus Institute*

4:00-4:50 PM: Panel Discussion

Part 1 - Discussion among the panelists

Part 2 - Open discussion with the audience

Part 3 - Consensus summary of realistic contributions in 25 years

4:50-5:00 PM: Closing Remarks – Kadak