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Spring 2008



S-Lab @ MIT Sloan

Philosophy & Pedagogy

Systems view: We seek to create a world that is sustainable ecologically, economically, socially, politically, and personally.

Active learning: Frequent use of simulations, in-class role-playing and breakouts, along with case discussions, presentations, and guest speakers.

Mens et Manus: Student teams work with real organizations on semester-long projects.



Massachusetts
Institute of
Technology

Laboratory for Sustainable Business

The Team

Faculty:



Rebecca Henderson

Eastman Kodak LFM Professor of Management Innovation; organizational change; product development; technology strategy



Richard Locke

*Alvin J. Siteman Professor of Entrepreneurship and Political Science
Labor Relations, Political Economy*



Sarah Slaughter

*Senior Lecturer
Sustainable Infrastructure, Construction*



John Sterman

Jay W. Forrester Professor of Management System Dynamics, Energy, Climate Change

Teaching Assistants:

Eswar Mani - MIT Sloan MBA '08

Gabriel Shapiro - MIT Sloan MBA '08

Students:

Highly Diverse Student Body

MIT Sloan, Various Engineering, Architecture, Urban Planning, Various Humanities, Harvard (eg. KSG)

Our Clients

Company	Category	S-Lab 08 Project
ACP Inversiones y Desarrollo	NGO/Gov't	Strategy for "micro-insurance" for micro-entrepreneurs and poor people
Brown Flynn	Startup/Small	Toolkit for cities to track sustainability measures
Clinton Foundation	NGO/Gov't	Financial analysis models of building improvements to increase energy efficiency
Coldpack	Startup/Small	Market assessment for new cold packaging technology
Conservation Corporation Africa	Startup/Small	Expansion plan for social/eco-tourism company
Foresta Trust	Startup/Small	Business strategy for selected forest re-planting and preservation for carbon credits
General Motors Corporation	Large Established	Cost/benefit model to assess new sustainable technologies for existing manufacturing plants
Jonathan Rose Companies LLC	Startup/Small	System dynamics model for cities to track sustainability measures
Mars Snackfood US	Large Established	Sustainability roadmap for operations
Mibanco	Startup/Small	Credit scoring system
MIT Sloan S-Lab	MIT	Inventory and community profile of potential actions by Sloan to reduce environmental footprint
Nestlé USA	Large Established	Strategy for sustainable agriculture involvement in North America
New England Clean Energy Council	NGO/Gov't	Assessment of regional incentives for location of clean tech facilities
Nike	Large Established	Competitive and financial analysis of climate activities reporting
University of Sao Paulo	NGO/Gov't	Strategy for reducing/eliminating electronic waste (e-waste)
US Business Council for Sustainable Development (USBCSD)	NGO/Gov't	Business strategy for carbon sequestration and other benefits through re-forestation projects

S-Lab Spring '08 Class Topics

- Organizational Response to Sustainability
- Redefining Traditional Business Models
- Sustainability and New Product Development
- Sustainable Retail: Can Big Box Stores Really Go Green?
- Ensuring Sustainability Along the Supply Chain
- Ensuring the Sustainability of Shared Resources
- Social Sustainability and Labor Standards
- What is legal? What is politically feasible?
- Alternative Transportation Networks
- Energy Efficiency as a New Market
- Green Buildings – New Markets & Services
- Sustainable Infrastructure and International Markets
- Organic Foods – Creation of a New Industry
- Setting a Price for Carbon
- Industry Collaborations, Certification
- Efforts, and Partnerships with NGOs
- Action at the community level

**WE APPRECIATE YOUR
INVOLVEMENT IN S-LAB!**