

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

**Roundtable on Science and Technology for Sustainability
Exploratory Workshop on Environmental Regulation and its Alternatives
June 14, 2004**

**Room 201
The National Academies
Washington DC 20001**

Agenda

- | | |
|------------------|---|
| 8:00 – 8:45 am | Continental breakfast available in meeting room |
| 8:45 – 9:00 am | Welcome and Introductions
(Pamela Matson, co-chair, National Academies' Roundtable on Science and Technology for Sustainability) |
| 9:00 – 10:15 am | Session 1: Environmental Sustainability Goals for 2030
(session chair: Patrick Atkins, Alcoa)
Leaders from the private sector, government, academia/science, and national/international policy communities will present their vision of environmental sustainability goals for the next 25 years and the role of improved governance systems in achieving these goals. The session will build on the work of other groups that have examined this issue, such as the President's Council on Sustainable Development and Enterprise for the Future.

Panelists: <ul style="list-style-type: none">• Paul Gilman, Environmental Protection Agency• Keith Laughlin, Rails to Trails Conservancy• David Rejeski, Woodrow Wilson International Center for Scholars |
| 10:15-10:45 am | BREAK |
| 10:45 – 12:15 pm | Session 2: Challenges to Environmentally Sustainable Economic Development (session chair: Thomas Graedel, Yale University)
A panel of leaders from the U.S. business community will discuss their company's long-term vision for more environmentally sustainable business practices and what they consider the most significant barriers (regulatory, technical, or otherwise) to achieving this vision.

Panelists: <ul style="list-style-type: none">• Brad Allenby, AT&T and Arizona State University |

- Pat Atkins, Alcoa
- David Constable, GlaxoSmithKline
- Ed Mongan, DuPont

12:15 – 1:15 pm

LUNCH

1:15 – 3:00 pm

Session 3: Governance Challenges (session chair: Leslie Carothers, Environmental Law Institute)

Panelists will discuss significant economic, legal and policy constraints to more environmentally sustainable business practices and the elements of a governance framework for the future. The panel will be comprised of federal and state regulators, European officials, and policy experts. Issues to be discussed during this session include:

- What are some of the current and likely conflicts between federal, state and international environmental protection regimes and how these might be reduced?
- What new regulatory and policy approaches might be developed over the long term to address emerging environmental and public health issues?
- How might governments encourage S&T activities to promote long term sustainability?
- What would be the elements of a “road map” to get from where we are today to a more ideal systems. Is it possible to identify some relative modest initial steps that would be politically acceptable?

Panelists:

- John Dernbach, Pennsylvania Department of Environmental Protection
- DeWitt John, Bowdoin College
- Bernd Kramer, German Embassy
- Sharon Hayes, Office of Water, U.S. Environmental Protection Agency
- David Rejeski, Woodrow Wilson International Center for Scholars

3:00 – 3:15 pm

BREAK

3:15 – 4:30 pm

Session 4: Where do we go from here? (session co-chairs: Gerald Keusch, Boston University and Alan Hecht, Environmental Protection Agency)

The final session will consider the lessons learned from the panel discussions and identify specific areas of the problem where further work could lead to progress. Participants also will consider the most appropriate approach for making progress in each area (e.g., workshop series, consensus-building forums, expert panels, etc), including the potential role of the National Academies’ Roundtable on the Science and Technology for Sustainability.

Discussants:

- Karl Hausker, Center for Strategic and International Studies
- Thomas Graedel, Yale University
- Patrick Atkins, Alcoa

4:30 pm

ADJOURN

6:00 pm

Dinner