

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Roundtable on Science and Technology for Sustainability September 24-25, 2009 (Agenda: 9/23/09)

The National Academy of Sciences, Lecture Room
2100 C St. NW
Washington, D.C.

Please join us for the National Academies' Second Sustainability R&D Forum "Transitioning to Sustainability: The Challenge of Developing Sustainable Urban Systems," which will be held on September 23rd (8:30am – 5:00pm) at the National Academy of Sciences Building Lecture Room.

September 24 (Lecture Room)

8:00 – 8:30 Breakfast available

8:30 – 9:00 **Welcome, Introductions and Meeting Goals** (Tom Graedel / Emmy Simmons, STS Roundtable Co-Chair)

Energy Linkages Discussion (Tom Graedel, STS Roundtable Co-Chair)

9:00 – 9:15 *Overview of Linkages Initiative* (Tom Graedel, Yale University)

9:15 – 9:45 *Water and Energy* (Allan Hoffman, U.S. Department of Energy)

9:45 – 10:15 *Food Security and Energy* (Prabhu Pingali, Bill & Melinda Gates Foundation)

10:15 – 10:30 Break

10:30 – 11:00 *Public Health and Energy* (Lynn Goldman, Johns Hopkins University)

11:00 – 11:30 *Perspectives from DOE* (Steve Koonin, U.S. Department of Energy)

11:30 – 12:00 *Open Discussion*

12:00 – 1:00 Lunch

Current Activities (Emmy Simmons, STS Roundtable Co-Chair)

1:00 – 1:15 *Regional Implications of Expanding Biofuel Production:* Workshop held June 2009 (Bruce Rodan, U.S. Environmental Protection Agency)

1:15 – 1:30 *Certification of Sustainable Products and Services:* Workshop held January 2009 (Leslie Carothers, Environmental Law Institute)

1:30 – 1:35 *Partnerships for Sustainability:* Workshop held June 2008 (Emmy Simmons)

1:35 – 2:00	<i>Food Security for All as a Sustainability Challenge: Project in development</i> (Per Pinstrup-Andersen, Cornell University)
2:00 – 2:15	<i>General Discussion / Q&A on Current Activities</i>
2:15 – 2:30	Break
Sustainability and Its Timescale (Tom Graedel, STS Roundtable Co-Chair)	
2:30 – 2:45	<i>Overview</i> (Catherine (Katie) Hunt, The Dow Chemical Company)
2:45 – 3:30	<i>Timescale of Technological Transformation</i> (Tom Graedel)
3:30 – 4:15	<i>Transportation Technology, Sustainability and Time Scales</i> (Steve Lockwood, Parsons Brinckerhoff)
4:15 – 4:45	<i>Open Discussion</i>
4:45 – 5:00	<i>Other Areas for Roundtable Consideration</i> (Tom Graedel and Emmy Simmons)
5:00 – 6:00	Reception (Rotunda)
6:00 – 8:00	Working Dinner (Members Room)

September 25 (Lecture Room)

8:00 – 8:30	Breakfast available
8:30 – 8:40	<i>Welcome</i> (Tom Graedel)
8:40 – 9:00	<i>Update: NELS and Organizational Effectiveness Initiative</i> (Marina Moses, STS)
9:00 – 9:30	<i>Update on the Federal R&D Forum on Urban Sustainability</i> (Glen Daigler, CH2M Hill, Inc.)
9:30 – 10:30	Breakout Discussions <ul style="list-style-type: none"> • <i>Moving forward on the Urban Forum</i> – development of a 2 day meeting proposal • <i>Follow-up on Energy Linkages</i> • <i>How can the Roundtable better support federal science initiatives</i>
10:30 – 10:45	Break
10:45 – 11:30	Report Back and Discussion of Breakouts
11:30 pm	Wrap up (Tom Graedel / Emmy Simmons)
12:00 pm	Adjourn

Thank you and safe travels!

Please mark your calendars: The next meeting of the Roundtable on Science and Technology for Sustainability will take place on **May 5-7, 2010**.