

**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 23<sup>rd</sup> (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	<b>Welcome, Introductions and Meeting Goals</b> (Tom Graedel / Emmy Simmons, STS Roundtable Co-Chair)

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

9:00 – 9:15	<i>Overview of Linkages Initiative</i> (Tom Graedel, Yale University)
9:15 – 9:45	<i>Water and Energy</i> (Allan Hoffman, U.S. Department of Energy)
9:45 – 10:15	<i>Food Security and Energy</i> (Prabhu Pingali, Bill & Melinda Gates Foundation)
10:15 – 10:30	Break
10:30 – 11:00	<i>Public Health and Energy</i> (Lynn Goldman, Johns Hopkins University)
11:00 – 11:30	<i>Perspectives from DOE</i> (Steve Koonin, U.S. Department of Energy)
11:30 – 12:00	<i>Open Discussion</i>
12:00 – 1:00	Lunch

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

1:00 – 1:15	<i>Regional Implications of Expanding Biofuel Production:</i> Workshop held June 2009 (Bruce Rodan, U.S. Environmental Protection Agency)
1:15 – 1:30	<i>Certification of Sustainable Products and Services:</i> Workshop held January 2009 (Leslie Carothers, Environmental Law Institute)
1:30 – 1:35	<i>Partnerships for Sustainability:</i> Workshop held June 2008 (Emmy Simmons)

1:35 – 2:00	<i>Food Security for All as a Sustainability Challenge</i> : Project in development (Per Pinstrup-Andersen, Cornell University)
2:00 – 2:15	<i>General Discussion / Q&amp;A on Current Activities</i>
2:15 – 2:30	Break
<b>Sustainability and Its Timescale</b> (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	<b>Reception</b> (Rotunda)
6:00 – 8:00	<b>Working Dinner</b> (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&amp;D Forum on Urban Sustainability</i> (Glen Daigger, CH2M Hill, Inc.)
9:30 – 10:30	Breakout Discussions <ul style="list-style-type: none"> <li>• <i>Moving forward on the Urban Forum</i> – development of a 2 day meeting proposal</li> <li>• <i>Follow-up on Energy Linkages</i></li> <li>• <i>How can the Roundtable better support federal science initiatives</i></li> </ul>
10:30 – 10:45	Break
10:45 – 11:30	Report Back and Discussion of Breakouts
11:30 pm	<b>Wrap up</b> (Tom Graedel / Emmy Simmons)
12:00 pm	<b>Adjourn</b>

**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**.