

Agenda for Energy Efficiency and the Rebound Effect Workshop

June 27, 2011

8:30 - 9:00 AM Continental Breakfast
9:00 - 9:30 AM Welcome remarks and introductions (*Inês Azevedo*)
9:30 - 9:45 AM Goals and organization for the next two days (*Inês Azevedo*)

9:45 – 11:00 AM

Session 1: Recent efforts and research updates

9:45 - 9:55 AM Recent U.S. efforts in estimating rebound effects (*Jesse Jenkins*)
9:55 - 10:00 AM Questions
10:00 - 10:10 AM Bounding the Rebound Effect: Key Conceptual Issues and a Framework for Estimation (*Jim Sweeney*)
10:10 - 10:15 AM Questions
10:15 - 10:25 AM Review of findings from a study commissioned by the EU Commission, DG Environment (*Karen Turner*)
10:25 - 10:30 AM Questions
10:30 - 11:00 AM Group Discussion

11:00 AM - 12:30 PM

Session 2: Defining the “rebound” effect: do we need a new taxonomy?

11:00 - 11:10 AM The direct rebound effect (*Michael Blackhurst*)
11:10 - 11:15 AM Questions
11:15 - 11:25 AM U.S. Economy-wide rebound (*Harry Saunders*)
11:25 - 11:30 AM Questions
11:30 - 11:40 AM Economy-wide effects using EIO-LCA (*Brinda Thomas*)
11:40 - 11:45 AM Questions
11:45 - 11:55 AM Rebound effect: reviewing a briefing from OMB (*John Graham*)
11:55 - 12:00 PM Questions
12:00 - 12:30 PM Group Discussion

12:30 - 1:00 PM *Box Lunch and short lunch break*

1:00 PM - 3:30 PM

Session 3: Sector Analysis

1:00 - 1:10 PM Residential/Commercial sector: An example from lighting (*Jeff Tsao*)
1:10 - 1:15 PM Questions

1:15 - 2:15 PM	Transportation sector (4 separate talks on transportation issues from <i>David Greene, Paul Fischbeck, Costa Samaras, Chris Hendrickson</i> , 10min each, followed 5min of questions)
2:15 - 2:25 PM	Virtual rebound effects: long-term infrastructure investments, and interaction with absolute rebound effects (<i>Jon Strand</i>)
2:25 - 2:30 PM	Questions
2:30 - 2:40 PM	Conservation, energy efficiency and GHGs: some questions (<i>Bob Nordhaus</i>)
2:40 - 2:45 PM	Questions
2:45 - 2:55 PM	Lessons from the U.S. Industrial Sector: Limitations of Existing Data and Methods (<i>Danny Cullenward</i>)
2:55 - 3:00 PM	Questions
3:00 - 3:30 PM	Group Discussion
3:30 - 3:45 PM	<i>Short Coffee Break</i>

3:45 PM - 4:30 PM

Session 4: International Comparisons

3:45 - 3:55 PM	The Jevons' Paradox in transitional and developing countries: questions to be addressed (<i>John Polimeni</i>)
3:55 - 4:00 PM	Questions
4:00 - 4:10 PM	The rebound effect in the Chinese context (<i>Cheryl Chi</i>)
4:10 - 4:15 PM	Questions
4:15 - 4:25 PM	Determinants and potential magnitude of economy-wide rebound effects: overview of key findings from a research project funded by the UK Economic and Social Research Council (<i>Karen Turner</i>)
4:25 - 4:30 PM	Questions

4:30 PM - 5:00 PM

Session 5: Breakout groups to identify and discuss relevant research areas

5:00 PM - 5:30 PM

Session 6: Review of the findings from the breakout groups by the rapporteurs

5:30 - 7:00 PM	<i>Break</i>
7:00 PM	<i>Cocktail Reception and Dinner - Tabard Inn, 1739 N Street, NW (202-785-1277;331-8528)</i>

June 28, 2011

8:30 - 9:00 AM Continental Breakfast
9:00 - 9:10 AM Review of the agenda for the day and go over any changes

9:10 AM - 10:40 AM

Session 7: Frontiers in research on energy efficiency and consumer behavior

9:10 - 9:20 AM Frontiers of research in energy efficiency (*Alan Sanstad*)
9:20 - 9:25 AM Questions
9:25 - 9:35 AM Energy efficiency policies and the rebound effect (*Skip Laitner*)
9:35 - 9:40 AM Questions
9:40 - 9:50 AM Aligning consumer decisions and sustainability objectives: energy efficiency in the residential retrofit market (*Hadi Dowlatabadi*)
9:50 - 9:55 AM Questions
9:55 - 10:05 AM Can behavioral and social aspects of rebound effects be a starting point for policy interventions? (*Ortwin Renn/Marco Sonnberger*)
10:05 - 10:10 AM Questions
10:10 - 10:40 AM Group discussion

10:40 AM - 1:30 PM

Session 8: Energy efficiency, policy evaluation, new methods and the rebound effect

10:40 - 10:50 AM The rebound effect and energy efficiency programs: an evaluator's perspective (*Ed Vine*)
10:50 - 10:55 AM Questions
10:55 - 11:05 AM Rebound Effects and Attic Insulation (*Kevin Hassett*)
11:05 - 11:10 AM Questions
11:10 - 11:20 AM Energy efficiency and rebound effect in energy and climate models (*Ortwin Renn*)
11:20 - 11:25 AM Questions
11:25 - 11:35 AM It's ok, honey, we're an 8! The potential for rebound in a residential energy efficiency program (*Christa McDermott*)
11:35 - 11:40 AM Questions
11:40 - 11:50 AM A tassel in the study of technological change dynamics (*Elena Verdolini*)
11:50 - 11:55 AM Questions
11:55 - 12:05 PM Macro economic rebound, Jevon's Paradox and economic development (*Bob Kopp*)
12:05 - 12:10 PM Questions
12:10 - 12:30 PM **Box Lunch and short lunch break before we continue with session 8**
12:30 - 12:40 PM Energy efficiency rebound: A little bit of data makes the hypothesis go down (*Michael Dworkin*)
12:40 - 12:45 PM Questions
12:45 - 12:55 PM Rebound effect, alternative fuels and LCA (*Mike Griffin*)

12:55 - 1:00 PM
1:00 - 1:30 PM

Questions
Group discussion

1:30 PM - 2:00 PM

Session 9: Breakout groups to identify and discuss relevant research areas

2:00 PM - 2:30 PM

Session 10: Review of the findings from the breakout groups by the rapporteurs

2:30 PM - 3:00 PM

Wrap up and next steps