



RWTH Aachen University • Lehrstuhl für Wirtschaftswissenschaften,
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E.ON Energy Research Center
FCN | Institute for Future Energy
Consumer Needs and Behavior

Institute for Future Energy Consumer
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Aachen – March 2, 2015

To whom it may concern!

International 1-Day Rebound Expert Workshop @ RWTH Aachen University March 6, 2015 (with pre-workshop dinner March 5, 2015)

Final Program

Chair: Prof. Dr. Reinhard Madlener, Project Coordinator “rebound-E.NRW”

Thursday, March 5, 2015	
19:00 – 22:00 hrs	Joint Pre-Workshop Dinner in Restaurant “Goldener Schwan” (Rathausplatz, ca. 10-15 min. walk from Hotel “IBIS Marschiertor”)
Friday, March 6, 2015	
08:30 – 09:00 hrs	<i>Pick-up from hotel, transfer to E.ON ERC, registration</i>
09:00 – 10:00 hrs	<u>LONG PRESENTATIONS (20 min. + 10 min. discussion)</u> 1. Welcome, Introduction and Overview of Rebound.E-NRW Project (Reinhard Madlener, RWTH Aachen University) 2. The Microeconomic Theory of the Rebound Effect and its Welfare Implications (Kenneth Gillingham, Yale University)

10:00 – 11:00 hrs	<p>3. Car Ownership and the Rebound: Accounting for Selection Bias Using the Multinomial Logit Model (Colin Vance, RWI)</p> <p>4. Estimating Direct Rebound Effects for Personal Automotive Travel in Great Britain (Lee Stapleton, University of Sussex)</p> <p>Discussion</p>
11:00 – 11:30 hrs	<i>Coffee, snack and health break</i>
11:30 – 12:30 hrs	<p>5. Energy Efficiency and Energy Demand: Structural Analysis of Rebound (Sylvain Weber, University of Neuchâtel)</p> <p>6. Social Group-Specific Rebound Effects in Residential Space Heating in Germany (Hendrik Schmitz, RWTH Aachen University)</p> <p>Discussion</p>
12:30 – 13:30 hrs	<i>Buffet lunch (at E.ON ERC)</i>
13:30 – 14:30 hrs	<p>7. Energy Efficiency and Household Behavior: The Rebound Effect in the Residential Sector (Erdal Aydin, Tilburg University)</p> <p>8. Estimating Direct and Indirect Rebound Effects for UK Households (Mona Chitnis, University of Surrey)</p> <p>Discussion</p>
14:30 – 15:15 hrs	<p><u>SHORT PRESENTATIONS (10 min. + 5 min. discussion)</u></p> <p>9. Transmission Mechanisms of Rebound Effects in the Production Case (Julius Frieling, RWTH Aachen University)</p> <p>10. Estimating Space Heating Rebound Effects Based on Cross-Sectional Data: A Multivariate Analysis (Ray Galvin, RWTH Aachen University)</p> <p>11. Trade in Second-Hand Electronic Goods and the Resulting Global Rebound Effect (Hannah Krings, RWTH Aachen University)</p> <p>Discussion</p>
15:15 – 15:45 hrs	<i>Coffee, snack and health break</i>
15:45 – 16:45 hrs	<p><u>LONG PRESENTATIONS (20 min. + 10 min. discussion)</u></p> <p>12. Energy Rebound in 30 Sectors of the US Economy (Harry Saunders, The Breakthrough Institute and Decision Processes Inc.)</p> <p>13. Measures, Metrics and Models of Rebound Effects: An Insight from Thermodynamics and Network Theory (Franco Ruzzenenti, University of Siena)</p> <p>Discussion</p>
16:45 – 17:15 hrs	Workshop wrap-up and farewell