

Outline of the ReCap expert workshop

Description and goals

The research project ReCap (“Capping macroeconomic rebounds”) studies the relationship of energy efficiency improvements and economic growth to inform political decision makers on how to reduce energy consumption effectively. To structure the analysis, the project proposes an actor-oriented typology of rebound mechanisms and gives an overview of policy instruments suggested by the literature to tackle rebound effects at different levels of the economy. Using a large set of German firm-level data for different economic sectors, sector-level rebound effects will be estimated econometrically in order to calibrate and further develop a dynamic macroeconomic input-output model that shall serve for predicting economy-wide rebounds effects of different policy instruments. The model predictions will feed into and inform stakeholder discussions for the development of rebound-proof measures for improving energy efficiency.

The workshop brings together excellent scientists in the field of rebound research with the aim of presenting state of the art theoretical and empirical assessment methods for rebound effects. The goal of this meeting is to get a critical feedback and advance the research work that is being done by the ReCap team by connecting it to the existing approaches.

Date: 21st of February 2019

Location: Institut für ökologische Wirtschaftsforschung, Großer Konferenzraum
Potsdamer Straße 105, D-10785 Berlin
Tel.: +49-(0)30 - 884 59 4 - 0

Arrival: the evening before (20th of February 2019), joint diner

Hotel: fjord hotel berlin
Bissingzeile 13, D-10785 Berlin
Tel. +49 (0) 30 254 72 0

Schedule:

8.45 – 9.00 Reception

9.00 – 9.30 **The ReCap Project, expectations and goals of the workshop**
Florian Kern, IÖW

9.30 – 12.30 **Types and mechanisms of rebounds**

9.30 – 10.15 **ReCap – Types of rebounds and rebound-mitigating policies**
20 min presentation, 25 min discussion
Steffen Lange & Jan Peuckert, IÖW

10.15 – 11.00 **Energy Sufficiency and Rebound Effects (tbc)**
30 min presentation, 15 min discussion
Steve Sorrell, SPRU

11.00 – 11.30 Coffee Break

11.30 – 13.00 **Estimating rebound effects**

11.30 – 12.15 **(Re-)Capturing rebounds empirically at the meso and macro level**
20 min presentation, 25 min discussion
Anne Berner & Alexander Silbersdorff, Uni Göttingen

12.15 – 13.00 **The Underestimated Role of Energy for Growth (tbc)**
30 min presentation, 15 min discussion
Dietmar Lindenberger, Uni Köln

13.00 – 14.00 Lunch Break

14.00 – 15.15 **Ex-ante modelling**

14.00 – 14.45 **Modelling rebounds and policies at the meso and macro level**
20 min presentation, 25 min discussion
Maximilian Banning & Christian Lutz, GWS

14.45 – 15.30 **Rebound Representation in Energy and Climate Models (tbc)**
30 min presentation, 15 min discussion
Reinhard Madlener, RHTW Aachen

15.30 -16.15 **Feedback by the experts on the Discussion Paper**

16.15 -16.30 **Wrap-up and farewell**
Florian Kern, IÖW