

Contents

1	Introduction: Rebound Research in a Warming World	1
	Tilman Santarius, Hans Jakob Walnum and Carlo Aall	
Part I New Aspects in Economic Rebound Research		
2	After 35 Years of Rebound Research in Economics: Where Do We Stand?	17
	Reinhard Madlener and Karen Turner	
3	Indirect Effects from Resource Sufficiency Behaviour in Germany.	37
	Johannes Buhl and José Acosta	
4	The Global South: New Estimates and Insights from Urban India	55
	Debalina Chakravarty and Joyashree Roy	
5	Production-Side Effects and Feedback Loops Between the Micro and Macro Level	73
	Tilman Santarius	
Part II Multidisciplinary Perspectives on the Rebound Phenomenon		
6	Exploring Rebound Effects from a Psychological Perspective	89
	Anja Peters and Elisabeth Dütschke	
7	Towards a Psychological Theory and Comprehensive Rebound Typology.	107
	Tilman Santarius and Martin Soland	
8	Behavioural Changes After Energy Efficiency Improvements in Residential Properties	121
	Christine Suffolk and Wouter Poortinga	

9	Energy Efficiency and Social Acceleration: Macro-level Rebounds from a Sociological Perspective	143
	Tilman Santarius	
 Part III Policy Cases: Rebounds in Action		
10	Labour Markets: Time and Income Effects from Reducing Working Hours in Germany	163
	Johannes Buhl and José Acosta	
11	Urban Planning: Residential Location and Compensatory Behaviour in Three Scandinavian Cities	181
	Petter Næss	
12	Tourism: Applying Rebound Theories and Mechanisms to Climate Change Mitigation and Adaptation	209
	Carlo Aall, C. Michael Hall and Kyrre Groven	
13	The Internet: Explaining ICT Service Demand in Light of Cloud Computing Technologies	227
	Hans Jakob Walnum and Anders S.G. Andrae	
14	Transportation: Challenges to Curbing Greenhouse Gas Emissions from Road Freight Traffic	243
	Hans Jakob Walnum and Carlo Aall	
15	Between Green Growth and Degrowth: Decoupling, Rebound Effects and the Politics for Long-Term Sustainability	267
	Jørgen Nørgård and Jin Xue	
 Part IV Conclusion		
16	Conclusions: Respecting Rebounds for Sustainability Reasons	287
	Tilman Santarius, Hans Jakob Walnum and Carlo Aall	



<http://www.springer.com/978-3-319-38805-2>

Rethinking Climate and Energy Policies

New Perspectives on the Rebound Phenomenon

Santarius, T.; Walnum, H.J.; Aall, C. (Eds.)

2016, IX, 294 p. 36 illus., 26 illus. in color., Hardcover

ISBN: 978-3-319-38805-2