

# Kooperationsprojekt Energieszenarien: Energy Scenarios- Construction, Assessment and Impact

## Publikationen der Projektpartner

### ITAS

Möst, D., W. Fichtner, and A. Grunwald (eds.), Energy systems analysis (in German). Universitätsverlag Karlsruhe

Grunwald, A. 2009, Technology Assessment: Concepts and Methods. In: A.Meijers (ed.): Handbook of Philosophy and Technology (in press.)

Grunwald, A. (2007), Working Towards Sustainable Development in the Face of Uncertainty and Incomplete Knowledge. Journal of Environmental Policy & Planning, Volume 9, Issue 3, 245-262

Dieckhoff, Chr., Modelle und Szenarien. Die wissenschaftliche Praxis der Energiesystemanalyse. In: Möst, D.; Fichtner, W.; Grunwald, A. (Hrsg.): Energiesystemanalyse. Tagungsband des Workshops "Energiesystemanalyse" vom 27. November 2008 am KIT Zentrum Energie. Karlsruhe: Universitätsverlag Karlsruhe 2009, S. 49-60

### IIP

Keles, D., Möst, D., Fichtner, W. (2010), The development of the German energy market until 2030 - A critical survey of selected scenarios, accepted for publication in: Energy Policy

Möst, D., and Fichtner (2010), Renewable energy sources in European energy supply and interactions with emission trading, accepted for publication in: Energy Policy

Möst, D., and D. Keles (2010), A survey of stochastic modelling approaches for liberalised electricity markets, accepted for publication in: EJOR - European Journal of Operational Research

Möst, D., W. Fichtner, and A. Grunwald (Eds.) (2009), Energy system analysis (in German), Universitätsverlag Karlsruhe

Fichtner, W., M. Frank, and O. Rentz (2004), Inter-Firm Energy Supply Concepts: An Option for Cleaner Energy Production, Journal of Cleaner Production, Volume 12, Issues 8/9/10, 891-899

### ISI

Wietschel, M. et al. (2010), Energy Technologies 2050 - Priorities for Research and Development, IRBVerlag, Stuttgart

Schleich, J. (2009), Barriers to Energy Efficiency: A Comparison Across the German Commercial and Services Sector. Ecological Economics, Volume 68, Issue 7, 2150-2159

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Müller, M., F. Sensfuss, and M. Wietschel (2007), Simulation of current pricing tendencies in the German electricity market for private consumption, Energy Policy Volume 35, Issue 8, 4283-4294

#### **IER**

IER / ZEW / RWI (forthcomming), The development of energy markets until 2030/Energy prognosis 2009 (in German), Berlin

Küster, R. (2008), Efficient climate protection through technological regulation in electricity supply? A model based economical analysis, in: Proceedings of EnInnov08, Granz, Austria

Kypreos, S., M. Blesl, C. Cosmi, A. Kanudia, R. Loulou, K. Smekens, M. Salvia, D. Van Regemorter, and V. Cuomo (2008), TIMES-PanEU: A Pan-European model integrating LCA and external costs, Volume 3, Issue 2, 180-194

Remme, U., and M. Blesl (2008), A global perspective to achieve a low-carbon society (LCS): scenario analysis with the ETSAP-TIAM model, Climate Policy, Volume 8, 60-75

#### **SOWI**

Renn, O. (2008), Risk Governance. Coping with Uncertainty in a Complex World, Earthscan, London

Renn, O. (2004), The Challenge of Integrating Deliberation and Expertise: Participation and Discourse in Risk Management. In: T. McDaniels and M.J. Small (eds.), Risk Analysis and Society. An Interdisciplinary Characterization of the Field, Cambridge University Press, 289-366

Renn, O. (2003), Social Assessment of Waste Energy Utilization Scenarios. Energy, Volume 28, 1345-1367

Renn, O. (2002), Foresight and Multi-Level Governance. In: European Commission (ed.), The Role of Foresight in the Selection of Research Policy Priorities. Conference Proceedings of the Conference in Sevilla from May 13 to May 15, 2002, Sevilla, 35-45

#### **DLR**

Krewitt, W., S. Teske, S. Simon, T. Pregger, W. Graus, E. Blomen, S. Schmid, and O. Schäfer (2009), Energy [R]evolution 2008 - a sustainable world energy perspective. Energy Policy, Volume 37, Issue 12, 5764-5775

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Krewitt, W., S. Simon, W. Graus, S. Teske, A. Zervos, and O. Schäfer (2007), The 2°C scenario – A sustainable world energy perspective. Energy Policy, Volume 35, Issue 10, 4969-4980

Nitsch, J., M. Fischedick, W. Krewitt, and M. Pehnt (2005), Structures of power plants in the year 2020 under respect of renewable energies. Energiewirtschaftliche Tagesfragen, Volume 2005, Issue 1/2, 78-81