

Stefano Verde (EUI), Maria Paziienza: *Replacing Italy's RES-E Surcharge with a Carbon Tax: A Macroeconomic Analysis*

Session 6 Chair: **Juan Pablo Montero**

Meriem Hamdi-Cherif (CIRED), Henri Waisman: *Economic Globalization, Global Energy Issues and Climate Change. China in Global Perspective*

Jean Philippe Nicolai (ETH): *Conditions for Profit-neutral Permit Allocations*

Sanjay Patnaik (GWU): *Cap(-ture) and Trade Arbitraging by Multinational Firms in the European Union Emissions Trading Scheme (EU ETS)*

Sebastian Petrick, **Ulrich Wagner (UC3M)**: *The Impact of Carbon Trading on Industry: Evidence from German Manufacturing Firms*

Aleksandar Zaklan (EUI), Vanessa Valero, Denny Ellerman: *An Analysis of Allowance Banking in the EU ETS*

Workshop Committee

Chairs:

Xavier Labandeira (Vigo and EfE)

Andreas Löschel (ZEW and EfE)

Carlos de Miguel (Vigo and EfE)

Denny Ellerman (EUI)

Michael Hanemann (Arizona State)

Pedro Linares (Comillas and EfE)

Juan-Pablo Montero (PUC Chile and EfE)

Massimo Tavoni (FEEM and EfE)

economics
for
energy

ZEW

Zentrum für Europäische
Wirtschaftsforschung GmbH
Centre for European
Economic Research



Workshop
25-26 June 2014

6th Atlantic Workshop on Energy and Environmental Economics

Frontiers in the
Economics of Energy
Efficiency

A Toxa, Galicia (Spain)

Program

Wednesday, 25 June

08:30 - 08:45 Registration

08:45 - 09:00 Welcome address

09:00 - 10:45 **Invited papers.** Chair: **Xavier Labandeira**

Anna Alberini (Maryland): *Information v. Energy Efficiency Incentives: Evidence from Residential Electricity Consumption in Maryland*

Antoine Dechezlepretre (LSE): *Knowledge Spillovers from Clean and Dirty Technologies*

Kenneth Gillingham (Yale): *Heterogeneity in the Response to Gasoline Prices: Evidence from Pennsylvania and Implications for the Rebound Effect*

Robert Hahn (Oxford): *Does Using the Social Cost of Carbon Matter?: An Assessment of U.S. Policy*

10:45 - 11:30 Coffee break

11:30 - 13:00 **Keynote lecture**

Richard Schmalensee (MIT): *The MIT Future of Solar Energy Study: Emerging Highlights?*

13:00 - 14:00 Lunch

14:00 - 15:30 **Roundtable: *Frontiers in the Economics of Energy Efficiency.*** Denny Ellerman (EUI), Michael Hanemann (ASU), Xavier Labandeira (Vigo and EfE), Andreas Löschel (ZEW), Ignacio Pérez-Arriaga (UPC and MIT), Kanako Tanaka (LCS Japan)

15:30 – 15:45 Coffee break

15:45 - 17:45 **Parallel sessions**

Session 1 Chair: **Pedro Linares**

Anna Alberini, **Andrea Bigano (FEEM):** *How Effective Are Energy-efficiency Incentive Programs? Evidence from Italian Homeowners*

20:30

François Cohen, **Matthieu Glachant (CERNA),** Magnus Söderberg: *The Impact of Energy Prices on Energy Efficiency: Evidence from the UK Refrigerator Market*

Zeus Guevara (IST), Tânia Sousa, Tiago Domingos: *An Approach for a Better Evaluation of Energy Efficiency Trends Using Index Decomposition Analysis and Useful Work Accounting*

Florens Flues, **Benjamin Lutz (ZEW):** *The Effect of Electricity Taxation on the German Manufacturing Industry: a Regression Discontinuity Approach*

Alicia Pérez, **Ana Ramos (Vigo and EfE),** Susana Silva: *Valuing Energy Performance Certificates in the Portuguese Residential Sector*

Anna Risch (IREGE): *Environmental Fiscal Incentives: Effectiveness or Free-riding Effect? An Econometric Evaluation of the French Energy Tax Credit*

Session 2 Chair: **Carlos de Miguel**

Alberto Ansuategui (UPV/EHU), Simone Marsiglio: *Is Environmental Protection Expenditure Beneficial for the Environment?*

Sylwia Bialek (Goethe), Alfons J. Weichenrieder: *Do Stringent Environmental Policies Deter FDI? M&A versus Greenfield*

Johannes Emmerling (FEEM): *Sharing of Climate Risks Across World Regions*

James Lennox (FEEM), Jan Witajewski: *Directed Technical Change with Capital-embodied Technologies: Implications for Climate Policy*

Zeba Anjum, Paul Burke, Reyer Gerlagh, **David Stern (ANU):** *Integrating the IPAT, Environmental Kuznets Curve, and Emissions Convergence Models Using Long-run Growth Rates*

Dinner

Thursday, 26 June

09:00 -11:00 **Parallel sessions**

Session 3 Chair: **Denny Ellerman**

José M. Chamorro (UPV/EHU), Luis M. Abadie, Richard de Neufville: *Measuring Performance of Long-term Power Generating Portfolios*

Andreas Gerster (RGS Econ): *Fundamental Drivers of Regime-switching: An Analysis of German Power Prices*

Stefen Lamp (EUI): *Projection Bias in Household Investment: The Case of Solar Photovoltaics in Germany.*

Claudio Marcantonini (EUI), Denny Ellerman: *The Implicit Carbon Price of Renewable Energy Incentives in Germany*

Baltasar Manzano, José M. Martín-Moreno, **Rafaela M. Pérez-Sánchez (UCM),** Jesús Ruiz: *Endogenous Price Asymmetries in the Fuel Market: An Application to the Spanish Case*

Session 4 Chair: **Michael Hanemann**

Claudio Baccianti (ZEW): *Explaining Trends in Aggregate and Sectoral Energy Intensity: The Composition and Technique Effects Revised*

Dorothee Charlier (UM2): *Split Incentives and Energy Efficiency: Empirical Analysis and Policy Options*

Renaud Coulomb (ECP), Fanny Henriët: *The Grey Paradox: How Owners Of Carbon-emitting Resources Can Benefit From Optimal Carbon Taxation*

Louis G. Giraudet (CIRED), Sébastien Houde: *Double Moral Hazard and the Energy Efficiency Gap*

Anna Grodecka (Bonn), Karlygash Kuralbayeva: *Price versus Quantity Debate: The Role of Business Cycles*

11:00 - 11:30 Coffee break

11:30 - 13:00 **Keynote lecture**

Massimo Filippini (ETH and USI): *Underlying Energy Efficiency in the Residential Sector: an Economic Perspective*

13:00 - 14:00 Lunch

14:00 - 16:00 **Invited papers.** Chair: **Andreas Löschel**

Ibon Galarraga (BC3): *The use of “Bonus-malus” Schemes for the Promotion of Energy Efficient Household Appliances: a Case Study for Spain*

Frank Jotzo (ANU): *Carbon Pricing in China and Australia*

María Loureiro (USC): *Why don’t you Want to Drive a Hybrid Car?*

Juan Pablo Montero (PUC Chile): *Driving Restrictions: Do They Make Drivers Buy Dirtier or Cleaner Cars?*

Massimo Tavoni (FEEM): *Induced Technological Change in Energy Intensive Sectors*

16:00 - 16:15 Coffee break

16:15 - 18:30 **Parallel sessions**

Session 5 Chair: **Massimo Tavoni**

Stefano Carattini (HEG Genève), Andrea Baranzini: *Paying Enough Taxes Already? Testing the Acceptability of Carbon Taxes with Survey Data*

Alexander Rohlf, Daniel Römer, **Kathrine von Graevenitz (ZEW):** *The Effect of Emission Information on Housing Prices in Germany*

Michael Hanemann, Xavier Labandeira, **José M. Labeaga (UNED),** Xiral López: *Identifying Energy Demand from Discrete Changes*

Frank Pothen (ZEW), Michael Schymura: *Bigger Cakes with Less Ingredients? A Comparison of Material Use of the World Economy*