

effectiveness and political feasibility of energy efficiency rebates: The case of the Spanish energy efficiency "renove" plan

17.30 - 18.00 Coffee break

18.00 - 19.30 **Parallel sessions**

#### **Session 7**

**Leticia Blázquez (University of Castilla La Mancha)**, Nina Boogen, Massimo Filippini: *Spanish residential electricity demand using aggregate data*

**Luciano de Castro (Northwestern University)**, Rakesh Vohra: *Design of Electricity Markets with Renewables*

Natalia Fabra, **Mar Reguant (Stanford)**: *Internalization and pass-through of emission costs in electricity markets*

Carlos Freitas, **Patrícia Pereira (University of Coimbra)**: *Phase II CO<sub>2</sub> cost pass-through in MIBEL: A cointegrated VECM approach*

#### **Session 8**

**Raphael Calel (London School of Economics)**: *Environmental policy and directed technological change: Evidence from the European carbon market*

Bruno Lanz, **Sebastian Rausch (MIT)**: *Cap-and-trade climate policies with price-regulated industries: How costly are free allowances?*

Ralf Martin, Mirabelle Muûls, Laure B. de Preux, **Ulrich J. Wagner (University Carlos III)**: *Industry compensation under the risk of relocation: A firm-level analysis of the EU Emissions Trading Scheme*

Karsten Neuhoff, **Anne Schopp (DIW Berlin)**, Rodney Boyd, Kateryna Stelmakh, Alexander Vasa: *Banking of surplus emission allowances*

The Atlantic Workshop on Energy and Environmental Economics is a biannual scientific meeting, born in 2004, that is organized by the Fundación Barrié, Economics for Energy and the research group rede at the University of Vigo. The workshop has become an important outlet for the discussion and debate on state-of-the-art research on energy and environmental issues, with a limited number of participants coming from all around the world. It combines keynote lectures on specific topics by prestigious academics, the presentation of research by invited speakers and by other participants through an open call for papers with a roundtable on current practices on energy and environmental policies.

Fundación Barrié

economics  
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energy



2012

25-26 June

Workshop

# 5<sup>th</sup> Atlantic Workshop on Energy and Environmental Economics

A Toxa, Galicia (Spain)

# Program

## Monday, 25 June

08.30 - 09.00 Registration

09.00 - 11.00 **Invited papers**

**Gunnar Eskeland (Norwegian School of Economics):** *What if climate policy is about leadership?*

**Michael Hanemann (Arizona State University):** *What is wrong with the climate change damage function?*

**Anil Markandya (BC3):** *Confused minds: What we like and what we think is good for us. Alternative ways of resolving the conflicts and their impacts on carbon and health*

**Juan P. Montero (PUC Chile):** *The effect of transport policies on car use: Theory and evidence from Latin American cities*

**Massimo Tavoni (FEEM):** *A global mapping of energy poverty and consumption*

11.00 - 11.30 Coffee break

11.30 - 13.00 **Keynote Lecture**

**Lawrence H. Goulder (Stanford):** *Climate change policy and the fiscal system*

13.00 - 14.00 Lunch

14.00 - 16.00 **Official Opening and Roundtable: *El papel futuro de la eficiencia energética en la política energética española***. Xosé Hermida (El País), Xavier Labandeira (Rede y Economics for Energy), Carlos Ocaña (FUNCAS), María Sicilia (Ministerio de Industria, Energía y Turismo), Gonzalo Sáenz de Miera (Iberdrola)

16.00 - 17.30 **Parallel sessions**

### **Session 1**

Anna Bartocci, **Massimiliano Pisani (Bank of Italy):** *Green fiscal reforms, electricity generation and macroeconomic performance in the European Union. A model-based approach*

Caterina Cruciani, Silvio Giove, **Mehmet Pinar (FEEM)**, Matteo Sostero: *Constructing the FEEM Sustainability Index: a Choquet-integral application*

Mikel González-Eguino, Anil Markandya, **Marta Escapa (University of the Basque Country):** *From shadow to green: Linking environmental fiscal reforms and the informal economy*

**Baltasar Manzano (Rede)**, Jaime Alonso, Carlos de Miguel: *A demand-based mechanism for the Environmental Kuznets Curve*

### **Session 2**

Carmen Camacho, **Agustín Pérez-Barahona (INRA):** *Land use dynamics and the environment*

**Niko Jaakkola (University of Oxford):** *Strategic oil supply and gradual development of substitutes*

**Fridrik M. Baldursson (Reykjavik University)**, Nils-Henrik M. von der Fehr: *Natural resources and sovereign expropriation*

**Miguel Rodríguez (Rede)**, Yolanda Pena-Boquete: *Another look at CO<sub>2</sub> emissions modeling: The role of energy prices in developed countries*

17.30 - 18.00 Coffee break

18.00 - 19.30 **Parallel sessions**

### **Session 3**

**Terrence Iverson (Colorado State University):** *Minimax regret discounting*

**María Loureiro (University of Santiago de Compostela)**, Michael Hanemann, Xavier Labandeira: *Unrevealing public preferences for climate change policies in Spain: A hybrid mixture model*

**Misato Sato (Grantham Research Institute):** *Near-term impacts of asymmetric climate change mitigation policies*

Hannes Weigt, **Erik Delarue (K.U. Leuven)**, Denny Ellerman: *CO<sub>2</sub> abatement from RES injection in the German electricity sector*

### **Session 4**

**Keith Brouhle (Grinnell College)**, Brad Graham, Donna Harrington: *Innovation under the Climate Wise Program*

**Francisco Cabo (University of Valladolid)**, Guiomar Martín-Herrán, M. Pilar Martínez-García: *On pollution and R&D-based growth in a trade model between countries concerned and unconcerned about climate change*

**Michael Jakob (PIK)**, Christian Flachsland: *Strategic incentives for early movers in sequential climate games*

**Elena Verdolini (FEEM)**, Valentina Bosetti: *Heterogenous firms trading in ideas: An application to energy technologies*

21.00 Dinner

## Tuesday, 26 June

09.00 - 10.30 **Keynote Lecture**

**Ottmar Edenhofer (PIK):** *On the economics of renewable energies: Opportunities, costs and challenges*

10.30 - 11.30 **Economics for energy session**

**Klaas Würzburg:** *Renewable generation and electricity prices in the Austrian and German market*

**Luis Rey:** *Energy security and oil price volatility*

**Mohcine Bakhat:** *A residential demand system for Mexico*

**Ana Ramos:** *Energy efficiency in Spanish residential buildings*

11.30 - 12.00 Coffee break

12.00 - 13.00 **Young researchers sessions**

### **Session A**

**Wolfgang Habla (University of Munich)**, Kerstin Roeder: *Intergenerational aspects of an ecotax package. An application to Germany*

**Meriem Hamdi-Cherif (CIRED)**, Henri Waisman, Céline Guivarch, Jean-Charles Hourcade: *Mitigation costs in second-best economies: Time profile of emission reductions and sequencing of accompanying measures*

**Arnaud de la Tour (CERNA):** *What cost for photovoltaic modules in 2020? Lessons from experience curve models*

### **Session B**

**Michel Berthélemy (CERNA):** *What drives innovation in nuclear reactors technologies? An empirical study based on patent counts*

Isabel Soares, Óscar Afonso, **Susana Silva (University of Porto):** *Economic and environmen-*

*tal effects under resource scarcity and substitution between renewable and non-renewable resources*

Martin Stürmer, **Gregor Schwerhoff (Bonn School of Economics):** *Non-renewable but inexhaustible. Resources in an endogenous growth model*

13.00 - 14.30 Lunch

14.30 - 16.00 **Keynote Lecture**

**Dallas Burtraw (RFF):** *Embracing complexity: Climate policy with imperfect economies and federal governments*

16.00 - 17.30 **Parallel sessions**

### **Session 5**

Antoine Dechezleprêtre, **Matthieu Glachant (CERNA):** *Does foreign environmental policy influence domestic innovation? Evidence from the wind industry*

Guy Meunier, **Jean-Pierre Ponsard (CIRANO)**, Philippe Quirion: *Carbon leakage and capacity-based allocations. Is the EU right?*

Francesco Nicolli, **Francesco Vona (OFCE Sciences-PO)**, Liones Nesta: *Determinants of renewable energy innovation: Environmental policies vs. market regulation*

Ana Pueyo, **Pedro Linares (Comillas):** *Renewable technology transfer to developing countries: One size does not fit all*

### **Session 6**

Germà Bel i Queralt, **Jordi Rosell (University of Barcelona):** *Policy success or economic slowdown? Effects of the 80 Km/h speed limit on air pollution in the Barcelona metropolitan area*

**Michael Jakob (PIK)**, Jan C. Steckel (PIK), Christian Flachsland, Lavinia Baumstark: *Climate finance for developing country mitigation: Blessing or curse?*

**José M. Chamorro (University of the Basque Country)**, Luis M. Abadie, Richard de Neufville, Marija Ilic: *Market-based valuation of transmission network expansion. A heuristic application in GB*

**Ibon Galarraga (BC3)**, Luis M. Abadie, Alberto Ansuategui: *Economic efficiency, environmental*