FSR Climate Annual Conference

Organised by Florence School of Regulation (FSR) Climate, Robert Schuman Centre for Advanced Studies, European University Institute, with the support of the European Association of Environmental and Resource Economists (EAERE)

Badia Fiesolana, Via dei Roccettini, 9 - San Domenico di Fiesole

26 - 27 November 2018

Programme

26 November

08.30 - 08.50 Welcome coffee

08.50 - 09.00 Welcome (room: Theatre)

Simone Borghesi | FSR Climate, RSCAS, EUI
Brigid Laffan | RSCAS, EUI
Jos Delbeke | European Commission

09.00 - 09.30 Plenary presentation: Environmental taxation (room: Theatre)

The spatial dimension in the economics of climate change
Anastasios Xepapadeas | Athens University of Economics and Business and University of Bologna

09.30 - 11.00 Parallel sessions

Session 1: Environmental taxation (room: Theatre)
Chair: Herman Vollebergh | Tilburg University

How climate-related policy affects the economics of generation-capacity investment
Yixian Liu, Ramteen Sioshans | The Ohio State University, Antonio J. Conejo

Short-term health benefits from carbon taxation: can climate policy support preventive health care ambitions?
Johan Albrecht | Ghent University, Désirée Vandenberghe

The effectiveness of taxing carbon content of energy consumption
Suphi Sen, Herman Vollebergh | Tilburg University
Session 2: **Renewables** (room: Refectory)

**Chair:** Stefano Verde | FSR Climate, RSCAS, EUI

*Clean energy investment and credit rationing*
Christian Haas, Karol Kempa | Frankfurt School of Finance and Management

*Emissions impacts of overlapping regulation: interactions of renewable energy promotion and carbon pricing*
Jan Abrell, Mirjam Kosch | ETH Zürich and Zurich University of Applied Sciences

*Evolution of EROIs until 2050: estimation using the input-output model THEMIS*
Adrien Fabre | Paris School of Economics, Université Paris 1

11.00 - 11.30  
Coffee break

11.30 - 12.30  
**Keynote speech** (room: Theatre)

*Carbon-reducing innovation as the essential policy frontier – towards finding the ways that work for Europe*
Frank Convery | University College Dublin

12.30 - 13.30  
Lunch

13.30 - 14.00  
Plenary presentation: **Renewables** (room: Theatre)

*The transition to sustainable energy*
Charles Mason | University of Wyoming

14.00 - 15.30  
Parallel sessions

Session 3: **Renewables** (room: Theatre)

**Chair:** Francesco Nicolli | FSR Climate, RSCAS, EUI

*On international renewable cooperation mechanisms: the impact of national RES-E support schemes*
Jelle Meus | KU Leuven, Kenneth Van den Bergh, Erik Delarue, Stef Proost

*Energy transition with variable and intermittent renewable electricity generation*
Aude Pommeret, Katheline Schubert | Paris School of Economics, University Paris 1

*Resource management, present bias and regime shifts*
Maria Arvaniti | ETH Zurich and Umeå University, Chandra K. Krishnamurthy, Anne-Sophie Crépin

Session 4: **Emissions trading** (room: Refectory)

**Chair:** Vera Zipperer | DIW Berlin

*Competitive permit banking and market design: an application to the EU-ETS reform*
Simon Quemin | Paris-Dauphine University and London School of Economics, Raphaël Trotignon
Genealogy of the corporate internal carbon pricing performance network: framework and case studies
Raphael Olivier | Climate Economics Chair, Paris-Dauphine University

Benchmarks for emissions trading – general principles for emissions scope
Vera Zipperer | DIW Berlin, Misato Sato, Karsten Neuhoff

15.30 - 16.00
Coffee break

16.00 - 16.30
Plenary presentation: Energy efficiency (room: Theatre)
Induced innovation and energy efficiency
Corrado Di Maria | University of East Anglia

16.30 - 18.15
Parallel sessions

Session 5: Energy efficiency (room: Theatre)
Chair: Joachim Schleich | Grenoble École de Management and Fraunhofer ISI

Energy efficiency networks – do they work? Evidence from German firm-level data
Jan Stede | DIW Berlin

Green, yellow or red lemons? Artefactual field experiment on houses energy labels perception
Edouard Civel, Nathaly Cruz | Paris-Nanterre University and Climate Economics Chair

Long-term efficiency and distributional impacts of energy saving policies in the French residential sector
Louis-Gaëtan Giraudet | CIRED and École des Ponts ParisTech, Cyril Bourgeois, Philippe Quirion

Conveyance, envy, and home-owners adoption of energy-efficient appliances
Joachim Schleich | Grenoble École de Management and Fraunhofer ISI, Corinne Faure, Marie-Charlotte Guetlein, Gengyang Tu

Session 6: Issues in climate policy 1 (room: Refectory)
Chair: Marco Casari | University of Bologna

Dynamic heterogeneity: rational habits and the heterogeneity of household responses to gasoline prices
Aurélien Saussay | CIRED, OFCE, Sciences Po

True or not true: carbon-free electricity generation is possible
Simen Gaure, Rolf Golombek | Frisch Centre

Fossil Commodity Futures and the Trump Election
Samson Mukanjari | University of Gothenburg

Good or bad: an experiment on geoengineering
Anna Lou Abatayo, Valentina Bosetti, Marco Casari | University of Bologna, Riccardo Ghidoni, Massimo Tavoni

19.00
Dinner
Speech by Jos Delbeke | European Commission
27 November

09.00 - 09.30 Plenary presentation: Emissions trading (room: Theatre)

Emissions trading and firm behaviour: evidence from European firms
Ulrich Wagner | University of Mannheim

09.30 - 11.00 Parallel sessions

Session 7: Emissions trading (room: Theatre)
Chair: Stefano Verde | FSR Climate, RSCAS, EUI

A first analysis of the Market Stability Reserve in the European emission trading system
Kenneth Bruninx | KU Leuven, Marten Ovaere, Erik Delarue

Barriers to trading in the EU-ETS: a theoretical and empirical appraisal
Marc Baudry, Anouk Faure | Paris-Nanterre University, Simon Quemin

Using emissions trading schemes to reduce heterogeneous distortionary taxes: the case of recycling carbon auction revenues to support renewable energy
Claire Gavard | Centre for European Economic Research, Sebastian Voigt, Aurélien Genty

Session 8: Environmental taxation (room: Refectory)
Chair: Francesco Niccoli | FSR Climate, RSCAS, EUI

The Environmental effectiveness of carbon taxes: a comparative case study of the Nordic experience Sachintha Fernando | Verité Research and Uppsala University

Are emission performance standards effective in pollution control? Evidence from the EU’s large combustion plant directive
Puja Singhal | DIW Berlin

Is pricing municipal waste effective? Evidence for heterogeneous effects in Italy
Marica Valente | Humboldt University of Berlin and DIW Berlin

11.00 - 11.30 Coffee break

11.30 - 13.00 Parallel sessions

Session 9: Issues in climate policy 2 (room: Theatre)
Chair: Thomas Stoerk | European Commission

Innovation in climate change mitigation technologies and environmental regulation
Igor Bagayev, Dieter Kogler, Julie Lochard | University Paris Est Créteil

Trust and CO2 emissions: cooperation on a global scale
Ara Jo | ETH Zürich, Stefano Carattini

The circular economy, international trade, and the sectoral composition of economies
Juan F. García - Barragán | KU Leuven, Balazs Zelity

The low-carbon transition: first evidence from US counties
Jeremy Provile, Thomas Stoerk | DG for Climate Action, European Commission
Session 10: **Environmental taxation** (room: Refectory)

Chair: **Jan Abrell** | ETH Zürich

*Social welfare, public policy and clean technology: is it worth incentivising firms' adoption of green technology?*
Ana Espinola-Arredondo, **Kinga Barbara Tchorzewska** | University of Barcelona

*Deep reforms in electricity pricing: evidence from a quasi-experiment*
Xavier Labandeira, Jose M. Labeaga, **Jordi J. Teixidó** | University of Barcelona

*Redistribution through income taxation and public utility pricing in the presence of energy efficiency considerations*
Fabian Feger, **Doina Radulescu** | University of Bern

*How effective was the UK carbon tax? Using machine learning and economic theory for policy evaluation*
**Jan Abrell** | ETH Zürich, Mirjam Kosch, Sebastian Rausch

13.00 - 13.15  Concluding remarks (room: Theatre)

**Simone Borghesi** | FSR Climate, RSCAS, EUI
**Jos Delbeke** | European Commission

13.15 - 14.15  Lunch