

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)

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
- 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 and Netherlands Environmental Assessment Agency
How climate-related policy affects the economics of generation-capacity investment
Yixian Liua, **Ramteen Sioshansi** | 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 and Netherlands Environmental Assessment Agency



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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** | 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 and EnvEcon

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 Zürich 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 Queminn | 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
Conveyance, envy, and home-owners adoption of energy-efficient appliances
Joachim Schleich | Grenoble École de Management, 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 | 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** | Climate Economics Chair and 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 Nicolli** | 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** | DG for Climate Action European Commission

Innovation in climate change mitigation technologies and environmental regulation

Igor Bagayev, Dieter Kogler, **Julie Lochard** | University Paris East 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 Proville, **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