

FSR Climate Annual Conference 2023

27 - 28 November 2023

Refectory - Badia Fiesolana, Via dei Roccettini 9 - San Domenico di Fiesole (Fiesole, Florence)

Scientific organiser: **Simone Borghesi** | European University Institute and University of Siena

Introduction

FSR Climate is pleased to announce its 9th Annual Conference on the Economic Assessment of European Climate Policies to take place at the European University Institute in Florence on 27-28 November 2023.

The conference will cover some of the main climate policies at EU, national and subnational levels and will include a keynote speech as well as parallel sessions and plenary speeches focusing on the topics of emissions trading, environmental taxation, energy efficiency, and renewable energy.

The Conference will be chaired by Simone Borghesi, Director of the [FSR Climate](#), Deputy Rector for International Relationships at the [University of Siena](#), and President-Elect of the [European Association of Environmental and Resource Economists \(EAERE\)](#).

The Keynote Lecture will be given by Andreas Lange (University of Hamburg). The plenary speakers include Aude Pommeret (University of Savoie-Mont-Blanc), Theodoros Zachariadis (Cyprus Institute), Ben Hobbs (Johns Hopkins Whiting School of Engineering) and Carmen Arguedas (Universidad Autónoma de Madrid).

Programme

27 November

09:00 - 09:10

Welcome

Simone Borghesi | European University Institute and University of Siena

Room: Refectory

Keynote Lecture

09:10 - 10:10

Andreas Lange | University of Hamburg

“Goals and Pledges”

Room: Refectory

Guest Lecture

10:10 - 10:40

Ben Hobbs | Johns Hopkins University and California ISO

“Regional Power Markets, Subregional Carbon Trading, and Carbon- Border Adjustments: Experience in US Markets”

Room: Refectory

10:40 - 11:00

Coffee break

Parallel Session 1

11:00 - 13:00

Session 1A: Renewable Energy Sources

Room: Theatre

Chair: **Mira Manini Tiwari** | European University Institute and University of Siena

Natalia D’Agosti | University of Edinburgh

The Impact of Solar Panel Installation on Electricity Consumption and Production

Sevil Acar | Bogazici University

Transforming Türkiye’s power system: An assessment of economic, social, and external impacts of an energy transition by 2030

Raavi Aggarwal | Indian Statistical Institute

Input substitution for sustainable industrialisation: Evidence from India

Justus Böning | KU Leuven

On the Effectiveness of Future Financial Benefits on PV Adoption – Evidence from Belgium

Session 1b – Emission Trading Schemes

Room: Refectory

Chair: **Matteo Mazzarano** | European University Institute and University of Siena

Elsa Amaddeo | University of Bari Aldo Moro

Who really pays for EU Emission Trading Systems? The risk of shifting the tax burden from the firm to the final consumer

Jordi Teixidó | University of Barcelona

Technology Diffusion in Carbon Markets: Evidence from aviation

Elisa Rottner | Leibniz Centre for European Economic Research and University of Basel

Is Germany becoming the European pollution haven?

Massimiliano Mazzanti | University of Ferrara

Climate policy analysis: efficient estimation of a semiparametric panel data model with spatial and factor dependence

13:00 - 14:00 *Lunch*

Guest Lecture

14:00 - 14:30 **Carmen Arguedas** | Universidad Autónoma de Madrid

“Environmental Taxes and Pollution Abatement under Economies of Scale”

Room: Refectory

Parallel Session 2

14:30 - 16:00 **Session 2a – Taxation**

Room: Refectory

Chair: **Alessia Casamassima** | European University Institute

Elena Villar | Università Cattolica di Milano

The Intended and Unintended Consequences of Taxing Waste

Sonja Dobkowitz | DIW Berlin

Meeting Climate Targets: The Role of Fossil Research Subsidies

Stephan Sommer | Bochum University of Applied Sciences and RWI–Leibniz Institute for Economic Research

How resilient is public support for carbon pricing? Longitudinal evidence from Germany

Session 2b – Policy Assessment

Room: Theatre

Chair: **Jacopo Cammeo** | European University Institute

Hermann Vollebergh | PBL Netherlands Environmental Assessment Agency and Tilburg University

Coherence in carbon pricing: The importance of descriptive economics for policy package evaluation

Monika Papież | Cracow University of Economics

How does the Environmental Policy Stringency affect the CO2 emissions in OECD and BRICS countries?

Stephen Jarvis | London School of Economics

The Impact of Climate Policy on Manufacturing Employment: Firm-Level Evidence from Germany

16:00 - 16:20 *Coffee break*

Parallel Session 3

16:20 - 17:50 **Session 3a – International trade and cooperation**

Room: Theatre

Chair: **Mira Manini Tiwari** | European University Institute and University of Siena

Dana Ghandour | Concordia University

Environmental Cooperation and Trade – The Impact of Heterogeneity in Environmental Damages: An Endogenous Solution

Eugénie Joltreau | RFF-CMCC European Institute on Economics and the Environment (EIEE)
and Fondazione Centro Euromediterraneo sui Cambiamenti Climatici (CMCC)
Recycling in a Globalised Economy

Emilia Lamonaca | University of Foggia
Climate and Non pricing Policies

Session 3b – Carbon Pricing

Room: Refectory

Chair: **Matteo Mazzarano** | European University Institute and University of Siena

Stefania Innocenti | University of Oxford
Increasing the acceptability of carbon taxation: The roles of social norms and economic reasoning

Etienne Lorang | Tilburg University
When Pigouvian waste taxes (cannot) implement the first-best in general equilibrium

Gianluca Iannucci | University of Florence
Emission Permits and ECSR Practice in an Evolutionary Duopoly

19:30

Dinner

28 November

Guest lecture

09:00 - 09:30 **Aude Pommeret** | University of Savoie-Mont-Blanc
“Carbon Taxes and Tariffs, Financial Frictions, and International Spillovers”
Room: Refectory

Parallel Session 4

09:30 - 11:00 **Session 4a – Emission Trading Schemes**

Room: Refectory

Chair: **Marie Raude** | European University Institute

Audric De Bevere | UCLouvain – Center for Applied Public Economics and Fonds de la Recherche Scientifique – FNRS

The Distributional Impacts of EU-ETS 2 on Households: A Microsimulation Approach in Belgium

Friedemann Gruner | Mercator Research Institute on Global Commons and Climate Change

Pigou’s Advice and Sisyphus’ Warning: Carbon Pricing with Non-Permanent Carbon Dioxide Removal

Ingrid Emilie Flessum Ringstad | Norwegian School of Economics

Time and frequency dynamics of connectedness between green bonds, clean energy markets and carbon prices

Session 4b – Energy Efficiency

Room: Theatre

Chair: **Alessia Casamassima** | European University Institute

Marita Laukkanen | VATT Institute for Economic Research

Vehicle replacement subsidies and the environment: evidence from administrative data

Katherine Hassett | OECD

Household behaviour and energy use: Empirical evidence and policy implications

Patrick Bigler | University of Bern, KPM Center for Public Management and Oeschger Center for Climate Change Research

Extent and Anatomy of the Solar Rebound: Evidence from Swiss Households

11:00 - 11:20 *Coffee Break*

Parallel Session 5

11:20 - 12:50

Session 5a – The role of non-state actors

Room: Theatre

Chair: **Albert Ferrari** | European University Institute

Roberta Terranova | RFF-CMCC European Institute on Economics and the Environment
Believe me when I say green! Heterogeneous expectations and climate policy uncertainty

Christian Nolde | University of Basel

Who Should Drive Green Technology Transitions in Developing Countries

Coline Metta-Versmessen | LEDa Paris Dauphine University, Climate Economics Chair & EDF
Waste Trading System: managing waste with high population density and low sorting rate

Session 5b – Taxation

Room: Refectory

Chair: **Jacopo Cammeo** | European University Institute

Marta Castellini | University of Padua and FEEM-Fondazione Eni Enrico Mattei

RICE-MED, an integrated assessment model for the Mediterranean basin: assessing the climate-economy-agriculture nexus

Mahaut De Villeneuve | ESSEC Business School, CY Cergy Paris University

Carbon Border Adjustment Mechanisms under Asymmetric Information

Claudia Ranocchia | Universidad Complutense de Madrid and Universidad Autónoma de Madrid

Porter hypothesis vs pollution haven hypothesis: Can an emission tax avoid the pollution haven hypothesis?

12:50 - 13:50

Lunch

Guest Lecture

13:50 - 14:20

Theodoros Zachariadis | Cyprus Institute

“The Role of Energy Efficiency on the Road to Net Zero Carbon Economies – Some Reflections”

Room: Refectory

Parallel Session 6

14:20 - 15:50

Session 6a – Energy Trading Schemes

Room: Theatre

Chair: **Ilaria Dibattista** | European University Institute and University of Siena

Sebastian Osorio | Potsdam Institute of Climate Impact Research

Will cutting back on renovating buildings make carbon prices go through the roof?

Edouard Civel | Square Research Centre and Climate Economics Chair

Green premium or manipulation? Regression discontinuity design application on French energy labels

Maria del Mar Solà | University of the Basque Country (UPV/EHU)

Memory effect of appliance rebate programme: evidence from a lab experiment

Session 6b – Emissions Trading Schemes

Room: Refectory

Chair: **Marie Raude** | European University Institute

Kaitoh Hidano | National University of Singapore

Opportunities and Challenges of the Emission Trading System in Japan: An Empirical Study on the Case of Saitama Prefecture

Marco Quatrosi | University of Palermo

Emission Trading in a high dimensional context: to what extent carbon markets are integrated with the broader system?

Ileri Hernandez Carballo | Bocconi University and RFF-CMCC European Institute on Economics and the Environment (EIEE)

The Impact of Green Policies on Local Economic Performance: Evidence from the EU ETS

15:50

Conclusions

Simone Borghesi | European University Institute and University of Siena

Room: Refectory