

General information

The growing concern related to environmental externalities caused by energy production are motivating more than ever research and discussions regarding the effectiveness and design of different public policies to control this problem.

rede, a research interdisciplinary group of the University of Vigo, organize the *2nd Atlantic Workshop on Energy and Environmental Economics* under the subject Energy markets and *Environmental Externalities*.

The workshop is intended to provide serious and consistent academic reflections and discussions on the design and overall effects of such policies, something that is especially needed at this moment in Spain and other countries. It will combine specific lectures by prestigious academics and short presentations related to the issues.

The event will take place at the Hotel Isla in the island of A Toxa (Spain) between the 26th and 28th of June 2006. Please check www.rede.uvigo.es for more information on the workshop.

Organizing Committee

María Loureiro. rede and IDEGA-Universidade de Santiago de Compostela

María Montero. rede and Universidade de Vigo

Scientific Committee

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Charles Kolstad. Universidad de California, Santa Barbara, USA

Juan Pablo Montero. Harvard Kennedy School of Government

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2nd Atlantic Workshop on Energy and
Environmental Economics

Energy
markets and
environmental
externalities

A Toxa (Spain) 26-28 June 2006

PROGRAM

[Monday 26th]

- 9:00-9:30 Reception
- 9:30-11:00 *Electricity and Environmental Markets: An Scandinavian Perspective I.*
Dr. Amundsen (University of Bergen)
- 11:00-11:30 Coffee break
- 11:30-12:30 *Electricity and Environmental Markets: An Scandinavian Perspective II.*
Dr. Amundsen (University of Bergen)
- 12:30-13:00 Official Opening Ceremony
- 13:00-15:30 Lunch
- 15:30-16:30 Work Session: *Mechanism Design and Portfolio Standards*

A simple auction mechanism for the optimal allocation of the commons.
Juan-Pablo Montero (Harvard Kennedy School of Government)

How Can Renewable Portfolio Standards Lower Electricity Prices?
Carolyn Fischer (Resources for the Future (RFF), Washington D.C., U.S.A)
- 16:30-17:00 Coffee break
- 17:00-18:00 Work Session: *Electricity Markets*

Internalisation of externalities into energy decision-making: A model for the social optimization of the operation of electrical power systems.
Pedro Linares, Lucía Muñoz, Andrés Ramos, Julio Montes (U. Pontificia de Comillas)

Eolian Policies and the Energy Debate: A Case Study from Galicia.
Eduardo L. Gimenez, Xavier Simón and María Montero (University of Vigo)
- 21:00 Conference Dinner

[Tuesday 27th]

- 9:30-11:00 *Energy Markets and Environmental Externalities in the U.S. I.*
Dr Kolstad (University of Santa Barbara, USA)
- 11:00-11:30 Coffee break
- 11:30-12:30 *Energy Markets and Environmental Externalities in the U.S. II.*
Dr. Kolstad (University of Santa Barbara, USA)
- 12:30-13:00 Questions and Debate with Both Invited Lectures
- 13:00-15:30 Lunch
- 15:30-17:30 Work Session: *Diverse International Experiences.*

A Chinese Sky Trust? Distributional Impacts of Carbon Charges and Revenue Recycling in China.
Mark Brenner, Matthew Riddle and James K. Boyce (Political Economy Research Institute, University of Massachusetts)

Energy, Environment and Ecological Footprint in Galicia.
Carballo Penela, A. Villasante Larramendi, C.S. (University of Santiago de Compostela)

Emission Trading Feasibility Study in Iranian Thermal Power Plants.
Nastaran Rahimi*, Maryam Khod, Nargess Kargari (*Head of Environment Group, Energy Planning Department, Ministry of Energy, Tehran, Iran)

Alternative Tax Designs on Coastal Residues.
Gloria Alarcón García (University of Murcia)
- 17:30-18:00 Coffee break.
- 18:00-19:00 Work Session: *Environmental Resources and Energy*

Montecarlo Valuation of Natural Gas Investments
Luis M. Abadie and José M. Chamorro (Bilbao Bizcaia Kutxa and University of Basque Country)

Can the Environmental Benefits of Biomass Support Agricultural Production?-The Case of Cereals for Electricity and Bioethanol Production in Northern Spanish Regions.
María Isabel Blanco and Diego Azqueta (University of Alcalá de Henares)

[Wednesday 28th]

- 9:30-10:30 Work Session: *Capital and Environmental.*

Social Capital and Environment: Determinants of Individual's Active Participation in Environmental Organizations.
Maria A. Garcia-Valiñas (University of Oviedo) and Benno Torgler (Yale University)

Capital Accumulation and Exhaustible Energy Resources: a Special Functions Case.
Agustín Pérez-Barahona (Chaire Lhoist Berghmans in Environmental Economics and Management, CORE)
- 10:30-11:00 Coffee break
- 11:00-12:00 Work Session: *Climate Change and Permits.*

Prices and Markets in Spanish Climate Change Policies.
Xavier Labandeira and Miguel Rodríguez (rede, University of Vigo)

Market Power in a Storable-Good Market: Theory and Applications to carbon and sulfur trading.
Matti Liski and Juan-Pablo Montero (Helsinki School of Economics and Harvard Kennedy School of Government)
- 12:00-13:00 Final Questions and Concluding Remarks.
- 13:00-15:30 Lunch and Boat Tour.