

General information

The growing concern on the environmental and economic effects of climate change phenomena has brought about an also increasing interest in the design and effects of public policies to control this problem.

rede, a research interdisciplinary group of the University of Vigo, in collaboration with the Spanish and International Associations for Energy Economics, organize the *1st Atlantic Workshop on Energy and Environmental Economics* under the subject Economic Modelling of Climate Change Policies.

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, short presentations related to the issues and a panel with representatives of governments, firms and NGOs that will help to broaden the scope of the debate.

The event will take place at the Gran Hotel de La Toja in the island of A Toxa (Spain) between the 9th and 12th of September 2004. Please check www.rede.uvigo.es for more information on the workshop.

Organizing Committee

Xavier Labandeira. rede and Universidade de Vigo
Baltasar Manzano. rede and Universidade de Vigo
Carlos de Miguel. rede and Universidade de Vigo

Scientific Committee

All members in the Organizing Committee and
Emilio Cerdá. Universidad Complutense
Juan Pablo Montero. MIT and Universidad Pontificia de Chile
John Reilly. MIT
Sjak Smulders. Tilburg University
Amedeo Spadaro. Delta and Universitat Illes Balears

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1st Atlantic Workshop on Energy and
Environmental Economics

Economic
modelling of
climate
change
policies

A Toxa (Spain) | 9-12 September 2004

PROGRAM

[Thursday 9th]

15:00-15:30 Reception

15:30-17:30 *Dynamic macroeconomic modelling of endogenous technological change and environmental policy I*

Sjak Smulders (CentER, Tilburg University)

17:30-18:00 Coffee break

18:00-20:00 *Dynamic macroeconomic modelling of endogenous technological change and environmental policy II*

Sjak Smulders (CentER, Tilburg University)

[Friday 10th]

9:30-11:00 *Oil shocks and the business cycle in Europe*

José María Martín-Moreno (Universidade de Vigo)

Indeterminacy and optimal environmental public policies in an endogenous growth model

Rafaela Pérez (Universidad Complutense de Madrid)

A comparative study of energy saving technical progress in a vintage capital model

Agustín Pérez-Barahona (Universite Catholique de Louvain)

11:00-11:30 Inauguration

11:30-12:00 Coffee break

12:00-14:00 Round-table conference

14:00-15:30 Lunch

15:30-17:00 *An analysis of the consequences of the carbon trading directive and the permit assignment methods on the Spanish electricity sector*

Pedro Linares (Univ. Pontificia de Comillas)

The Effects of Sudden CO₂ reductions in Spain

Miguel Rodriguez (Universidade de Vigo)

The economic value of environmental externalities from power generation: a comparative analysis through uniform world models

Diego Azqueta (Universidad de Alcalá)

17:00-17:30 Coffee break

17:30-19:00 *General purpose technologies and energy policy*

Tobias Kronenberg (MERIT)

Meeting Kyoto targets in an enlarged European Union: comparative dynamics analyses with an empirical endogenous growth model

Nazmiye Balta (University of Illinois)

Energy and environmental security in South Asia: Integrating the primary energy and electricity markets

Rajesh Nair (National Institute for Environmental Studies)

[Saturday 11th]

9:00-11:00 *Tradeable emissions permits I*

Juan P. Montero (MIT and Universidad Pontificia de Chile)

11:00-11:30 Coffee break

11:30-13:30 *Tradeable emissions permits II*

Juan P. Montero (MIT and Universidad Pontificia de Chile)

13:30-16:30 Lunch

16:30-17:30 *Assesing emissions allocation in Europe: an interactive simulation approach*

Tim Hoffmann (ZEW)

EU emissions trading: efficient verification of firm data

Frauke Eckermann (Universität Dortmund)

17:30-18:00 Coffee break

18:00-19:30 *What level of decentralization is better in an environmental context? An application of water resources in Spain*

M. Angeles García-Valiñas (Universidad de Oviedo)

The impact of global warming on the Spanish agriculture

Montserrat Viladrich-Grau (Universitat de Lleida)

Endogenous growth, sustainability and cumulative pollutants

Laura Gariup (University of Munich)

[Sunday 12th]

9:00-11:00 *Policies in integrated climate change models I*

John Reilly (MIT)

11:00-11:30 Coffee break

11:30-13:30 *Policies in integrated climate change models II*

John Reilly (MIT)

14:00-15:30 Lunch

15:30-16:30 *Evaluation of the present and the future in climate change policy*

H.A. Aaheim (University of Oslo)

Optimal CO₂ abatement with socio-economic inertia and induced technological change

Malte Schwoon (Hamburg University)