



**XX Villa Mondragone International Economic Seminar on
"EUROPE, CLIMATE CHANGE AND ENERGY POLICIES:
A NEW INDUSTRIAL REVOLUTION?"**

**CEIS Economia Tor Vergata Foundation
July 1st – 2nd 2008**



PROGRAMME

TUESDAY, July 1st

- 9.00 *Registration of Participants*
9.15 *Welcoming Address* **Alessandro. FINAZZI AGRÒ**, Chancellor, University of Rome Tor Vergata
9.30 *Opening Address* **Luigi PAGANETTO**, President, CEIS Economia Tor Vergata Foundation

**FIRST SESSION
(Sala degli Svizzeri)**

9:30 – 12:00

Consumer choice, contingent valuation and environmental policies

Chairman: **Carlo Andrea Bollino**, University of Perugia and University LUISS Guido Carli of Rome
SPEAKERS:

Alessandro Vercelli and Simone Borghesi, University G. D'Annunzio of Chieti–Pescara

Sustainable energy trends

Chris Birchenhall, Paul Windrum and Tommaso Ciarli, University of Bologna

Environmental impact, quality and price: consumer trade-offs and the development of environmentally friendly technologies

Carlo Andrea Bollino and Paolo Polinori, University of Perugia

Willingness to pay for renewable energy: an econometric analysis

DISCUSSANT: (to be announced)

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General Discussion

PART 2

Chairman: Leonardo Becchetti, University of Rome Tor Vergata

SPEAKERS:

Charles F. Mason, University of Wyoming

On the interaction of eco-labeling and trade

Arik Levinson, Georgetown University

Valuing air quality using happiness data

Leonardo Becchetti and Nazaria Solferino, University of Rome Tor Vergata

Product differentiation on social and environmental sustainability: private versus public care for global public goods

General Discussion**SECOND SESSION**

(Sala del Terrazzo)

9:30 – 12:00

International trade policies and the environment

Chairman: Gustavo Piga, University of Rome Tor Vergata

SPEAKERS:

Raffaello Cervigni, World Bank

Climate change and trade: key issues and stylized facts

Hans Timmer, World Bank

Climate change, agricultural productivity and trade

Carlo Carraro (University Cà Foscari of Venice, FEEM and CMCC), **Emanuele Massetti** (FEEM) and **Lea Nicita** (FEEM)

How does climate policy affect technical change? An analysis of the direction and pace of technical progress in a climate-economy model

DISCUSSANT: Stefano Manzocchi, University LUISS Guido Carli of Rome

General Discussion

12:00 – 12:30

Key Note Speech

By PROF. EDMUND S. PHELPS

McVickar Professor of Political Economy at Columbia University

Director of Columbia's Center on Capitalism and Society

2006 Nobel Prize In Economic Sciences

“Aspects of altruism important for entrepreneurship”

(Sala degli Svizzeri)

12:30 – 13:30

Finanza, tecnologia e tendenze globali dell'investimento in energia

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Finance, technology and global trends of the investment in energy

TAVOLA ROTONDA – ROUND TABLE *in progress*
(Sala degli Svizzeri, simultaneous translation Italian – English)

Chairman: Paolo Cantore, Vice Direttore Rai News 24

Mario Baldassarri (Presidente, 6[°]Commissione Permanente – Finanze e Tesoro, Senato della Repubblica),
Peter Bandilla (Senior Loan Officer - Corporate & Structured Finance - Infrastructure Lending in Italy),
Vincenzo De Bustis (Amministratore Delegato Deutsche Bank), **Jean Paul Fitoussi** (Presidente OFCE),
Gilberto Gabrielli (Presidente Tolo Energia), **Enrico Giovannini** (Responsabile Direzione Statistica OECD),
Bruno Tabacci (Vicepresidente V Commissione - Bilancio, Tesoro e Programmazione)

Conclusioni: on. Renato Brunetta (Ministro per la Pubblica Amministrazione e l'Innovazione)

12:30 – 13:30
POSTER SESSION

13:30 – 15:00
LUNCH

THIRD SESSION
(Sala degli Svizzeri)

15:00 – 17:30
Finance, venture capital and sustainable energy

Chairman: Michele Bagella, Dean, Faculty of Economics, University of Rome Tor Vergata

SPEAKERS:

Anna Gervasoni, AIFI - Associazione Italiana Private Equity and Venture Capital and LIUC University
Venture capital funds and sustainable energy projects

Peter Bandilla, European Investment Bank

Financing sustainable energy sector projects across Europe: a view from the European Investment Bank

Carlo Carraro (University Cà Foscari of Venice, FEEM and CMCC), **Valentina Bosetti** (FEEM) and
Emanuele Massetti (FEE)

Banking permits: economic efficiency and distributional effects

Davide Dal Maso, EUROSIF - European Social Investment Forum and Forum Italiano per la Finanza
Sostenibile

Energy, finance and social responsibility

Franco Fornasari, Pirelli & C., Ambiente Renewable Energy S.p.A.

Sustainability selection criteria in renewable energy investments

Daniele Apa, JP Morgan

Industry trends in alternative energy: market outlook and strategies of key european players

General Discussion

15:00 – 17:30

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YOUNG ECONOMIST SESSION
(Sala del Terrazzo)

Chairman: **Giancarlo Marini**, University of Rome Tor Vergata

SPEAKERS:

Isabelle Brose, Facultés Universitaires Notre Dame de la Paix, Namur

Monetization of environmental externalities (emissions) from bioenergy

Ian Sue Wing, (Center for Energy & Environmental Studies, Boston University) **and Elisa Lanzi** (School of Advanced Studies in Venice - SSAV)

Including aviation in the European Union emissions: a CGE Study

Carlo Andrea Bollino and David Aristei, University of Perugia

Energy demand in Italy: empirical evidence

Christophe Rynikiewicz, Institut Economie et de Politique Energie, Grenoble

Below 450ppmv, capital cycles and induced technical change: towards trajectories of radical innovations in the steelmaking industry

Leonardo Becchetti, Sabrina Auci and Carlo Romagnoli, University of Rome Tor Vergata

Testing crucial model assumptions: the income/willingness to pay for the environment nexus in the environmental Kutznetz curve

Simona Tenaglia (ISFOL) **and Marco Ventura** (ISAE)

Valuing environmental patents legal protection when data is not available

DISCUSSANT: **Benno Ferrarini**, World Trade Institute

WEDNESDAY, July 2nd

FOURTH SESSION
(Sala degli Svizzeri)

9:30 – 12:30

The economic consequences of climate change

Chairman: **Pasquale L. Scandizzo**, University of Rome Tor Vergata

SPEAKERS:

Pablo Fajnzylber and John Nash, World Bank

The economics of climate change in Latin America and the Caribbean: a stocktaking of what we know about impacts, adaptation and mitigation options

Carlo Carraro, University Cà Foscari of Venice, FEEM and CMCC

What a different world! Costs and policy for a low carbon society

Herman R.J. Vollebergh, Erasmus University of Rotterdam

Impact of environmental policy instruments on technological change

Salvatore Zecchini, Ferdinando Zullo and Manuela Gusmerotti, GME

Market prices as a gauge of environment policy's efficiency. The Italian case

DISCUSSANT: (to be defined)

General Discussion

9:30 – 12:30

FIFTH SESSION

(Sala del Terrazzo)

Taxation, regulation and environmental policies when climate change is the concern

Chairman: **Laura Castellucci**, University of Rome Tor Vergata

SPEAKERS:

Riccardo Valentini, IPCC, Centro Euro-Mediterraneo per i Cambiamenti Climatici (CMCC) and University of Tuscia

Economic activity, greenhouse gases and carbon sequestration

Bouwe Dijkstra, Tae-Yeoun Leeb and **Edward Manderson**, School of Economics, University of Nottingham

Partial international emission trading

Stefano Alaimo (Gestore del Mercato Elettrico), **Simone Borghesi** (University G. D'Annunzio of Chieti-Pescara), **Alessio D'Amato** (University of Rome Tor Vergata) and **Edilio Valentini** (University G. D'Annunzio of Chieti-Pescara)

Climate change policy in the EU: the emissions trading directive and beyond

Anil Markandya, University of Bath and FEEM

Environmental taxation and climate change

Rossella Bardazzi (University of Florence), **Filippo Oropallo** (ISTAT) and **Maria Grazia Pazienza** (University of Florence)

CO2 emissions in Italy: a microsimulation analysis of environmental taxes on firm's energy demand

DISCUSSANT: **Ignazio Musu**, University Cà Foscari of Venice

General Discussion

12:30 – 13:30

Le politiche per l'energia in un mondo globale, da Kyoto a Bonn
Energy policies in a globalized world: from Kyoto to Bonn

TAVOLA ROTONDA - ROUND TABLE in progress
(Sala degli Svizzeri, simultaneous translation Italian – English)

Chairman: **Marta Dassù**, Direttore Generale Attività internazionali di Aspen Institute Italia e Direttore Aspenia

Taeho Bark (Dean - Graduate School of International Studies -GSIS - Seoul National University), **Brian Flannery** (Science Strategy and Programs Manager, ExxonMobil), **Pippo Ranci** (Università Cattolica del Sacro Cuore), **Alexander Sarris** (FAO), **Valeria Termini** (G-8 Energy and Climate change), **Umberto Quadrino** (Amministratore Delegato EDISON SpA), **Jean Pierre Tallon** (Country Chair in Italia, Shell Italia) **Salvatore Zecchini** (Presidente GME)

Conclusioni: On. Enzo Scotti, Sottosegretario Ministero degli Affari Esteri

13:30 – 15:00

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LUNCH

15:00 – 17:30
SIXTH SESSION
(Sala del Terrazzo)

Social and cross border sustainable development: migration and quality of life

Chairman: Giovanni Tria, Director of CEIS, University of Rome Tor Vergata

SPEAKERS:

Enrico Giovannini, OECD

Measuring Sustainable Development

Frank Laczko, IOM

Migration, environment and development: future directions for research

Koko Warner and Tamer Afifi, UNU-EHS Bonn

Environmental change, livelihood stress and migration in Egypt

Francesca Marchetta, University of Florence

Income diversification as a response to environment changes: the case of rural Northern Ghana

DISCUSSANT: (to be announced)

General Discussion

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