



**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**, Rector, University of Rome Tor Vergata
9.30 *Opening Address* **Luigi PAGANETTO**, President, CEIS Economia Tor Vergata Foundation

**FIRST SESSION
(Sala degli Svizzeri)**

9:30 – 12:30

Consumer choice, contingent valuation and environmental policies

PART 1

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

General Discussion

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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 – 12:30

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

12:30 – 13:30

Finanza, tecnologia e tendenze globali dell'investimento in energia
Finance, technology and global trends of the investment in energy

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

Chairman: Paolo Cantore, Vice Direttore Rai News 24

Mario Baldassarri (Presidente, 6^a 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. Enzo Scotti (Sottosegretario Ministero degli Affari Esteri)
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

**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 – 12:00

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

General Discussion

9:30 – 12:00

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 Paziienza** (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

12:00 – 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

**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

(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), **Corrado Clini** (Direttore Generale, Ministero dell'Ambiente e della Tutela del Territorio e del Mare), **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)

13:30 – 15:00

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) **and Koko Warner** (UNU-EHS Bonn)

Migration, environment and development: new directions for research

Tamer Afifi and Koko Warner, 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

General Discussion

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