

from the Director

After over ten years of activities the Fondazione Eni Enrico Mattei has become a leading institution at the international level for research in the field of sustainable development, and it is now acknowledged as the most important research institute in Europe in the area of economics and the environment.

The past two years were a period of continuous growth for our Institute.

The Fondazione consolidated its activities in all the research programmes, which include 'Climate Change Modelling and Policy', 'Global Governance', 'Sustainability Indicators and Environmental Valuation', 'Natural Resources Management', 'Knowledge, Technology and Human Capital', 'International Energy Markets', 'Corporate Social Responsibility and Sustainable Management' and 'Privatisation, Regulation, Antitrust'.

In these fields the Fondazione continued its work on existing projects and developed new research initiatives: overall, in 2002 and 2003 our Institute was involved in 62 international research projects, 35 of which were financed by the European Union. Within the same research programmes 41 international conferences and workshops, as well as 50 internal seminars were organised.

The Fondazione extended its networks and intensified its partnership with prestigious international policy and research Institutions at the forefront of the economics and environmental research, including the European Commission, the Italian Ministry of the Environment, the World Bank, U.N. Agencies, the National Bureau of Economic Research, the Centre for Economic and Policy Research, both the European and American Associations of Environmental Economists, the Beijer Institute, and various other centres of excellence in Europe and the United States.

The consolidation of all the headquarters of the Fondazione allowed the development of new research initiatives on the territory, responding to specific needs and facilitating the integration of local, national and international networks.

The past two years saw the intensification of the publication activity of the Fondazione: in 2002 and 2003 our Institute published 236 working papers, in a series which in 2002 successfully reached number 1,000 since its start in 1991, 8 non-technical working papers in Italian, i.e. 'Rapporti sullo Sviluppo Sostenibile', focused on the issue of sustainable development, in addition to its newsletter, which is issued twice a year, and to the journal Equilibri, which is published in co-operation with 'Il Mulino' three times a year.

To testify the leading role achieved by our Institute at the world-wide level, the web site of the Fondazione in 2002 and 2003 recorded excellent results, growing from six million five hundred contacts (hits) to the remarkable peak of ten million five hundred contacts per year, showing 350,000 users and performing approximately 480,000 publications downloaded in .pdf format only in 2003.

The @feem.it project, structured in a network of Multimedia Libraries, successfully developed through the involvement of an increasing number of students and young people in educational and training initiatives, finding a continuous consensus among the local communities and in the local and national press.

The Fondazione owes this success to the employees, researchers and associates who put all their effort into this project, and we can but extend our gratitude to the Founders who made this project feasible, providing continuous support.

Alessandro Lanza

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CLIMATE CHANGE MODELLING AND POLICY

Research Programmes

Research Programme Co-ordinator:

Marzio Galeotti

Research in this programme addresses the socio-economic dimension of climate change, mitigation and adaptation policies. It focuses on a comparative evaluation of existing models and the development of new integrated assessment models for the study of policies aimed at climate change control.

The goal is twofold: to make progress at the scientific and academic level, and to be up front in the policy dialogue and debate, which provides the research programme with the necessary inputs to develop innovative and constructive scientific research. The researchers involved in this research programme participate in international networks and study groups of scholars and scientists, in world-wide negotiations on climate change issues, and in several projects supported by national and international institutions. In particular, thanks to the researches undertaken under this programme, FEEM is member of the European Climate Forum and of Climate Strategies, two EU-based networks which lead research and policy analysis in the field of climate change.

Main Projects

TRANSUST - Modelling the Transition to Sustainable Economic Structures

Funded by the European Commission, DG Research, Energy, Environment and Sustainable Development Programme.

CCPS - Climate Change Policy Strategies

CAT&E - Concerted Action on Trade and the Environment Funded by the European Commission, DG Research, Energy, Environment and Sustainable Development Programme.

NEMESIS-ETC - New Econometric Model for Environment and Strategies Implementation for Sustainable Development / Endogenous Technical Change

Funded by the European Commission, DG Research, Energy, Environment and Sustainable Development Programme.

CATEP - Concerted Action for Tradable Emission Permits
Funded by the European Commission, DG Research, Energy,
Environment and Sustainable Development Programme.

CFEWE - Carbon Flows between Eastern and Western Europe Funded by the European Commission, DG Research, Energy, Environment and Sustainable Development Programme.

EFIEA II - European Forum on Integrated Environmental

Assessment

Funded by the European Commission, DG Research, Energy, Environment and Sustainable Development Programme.

SOCEUM - Feasibility study for the organisation of the Euro-Mediterranean Centre for Climate Change

GPCC - Global Policy of Climate Change

EEE – A Beijer-FEEM-ICTP joint project on Ecological and

Environmental Economics

ECF – European Climate Forum

Researchers

Marzio Galeotti (co-ordinator), Polina Averianova, Raffaella Bordogna, Francesco Bosello, Valentina Bosetti, Barbara Buchner, Nicola Cantore, Carlo Carraro, Efrem Castelnuovo, Igor Cersosimo, Luca Formentini, Andrea Galvan, Gretel Gambarelli, Alessandra Goria, Marco Lazzarin, Marian Mraz, Katrin Rehdanz, Luca Rizzi, Roberto Roson, Giorgio Vicini.

NATURAL RESOURCES MANAGEMENT

Research Programme Co-ordinator:

Carlo Giupponi

The main objective of this research programme is to contribute to the development of new understanding in the field of integrated natural resource management. Research projects are targeted to various fields and common keywords are: sustainable development, water policy and management, land use, modelling, GIS and DSS. The NRM research programme places a particular emphasis on the integration of naturalphysical and socio-economic disciplines, especially in a spatial (geographical) context. Main focus is on water resources and land use and within this ambit a specific interest is for the Mediterranean regions. Recent projects have dealt with the integrated management of coastal zones, the development of a decision support system for water resource policy and planning, the management of groundwaters, and of transboundary catchment and aguifers, the substitution of hazardous molecules in production processes. Studies have been conducted on the Venice Lagoon area and other locations in Italy, and, in collaboration with researchers of other institutions, in various European and Mediterranean countries and in India.

Main projects

ISIIMM - Institutional and Social Innovations in Irrigation
Mediterranean Management
Funded by the European Commission, MEDA Programme.

MULINO - Multi-sectoral, Integrated and Operational Decision
Support System for Sustainable Use of Water Resources at the
Catchment Scale

Funded by the European Commission, DG Research, Energy Environment and Sustainable Development Programme.

TRANSCAT - Integrated Water Management Of Transboundary
Catchments

Funded by the European Commission, DG Research, Energy Environment and Sustainable Development Programme.

SMART - Sustainable Management of Scarce Resources in the Coastal Zone

Funded by the European Commission, DG Research, International Cooperation Programme.

ENVIRON - – Decision Problems in Environmental Planning Funded by the European Commission, Marie Curie Training Site

ICZM-VE - Integrated Coastal Zone Management in the Venice area, Valuation methods in a geographical context

PANDORA - Participatory networks and databases for environmental assessment, Pilot study of the Venetian community

Researchers

Carlo Giupponi (co-ordinator), Margeretha Breil, Roberta Camera, Jacopo Chiaggiato, Livio Chiarullo, Valeri Cogan, Monica Eberle, Anita Fassio, Jacobo Feàs, Gretel Gambarelli, Martina Gambaro, Jaroslav Mysiak, Lorena Rocca, Paolo Rosato, Adrian Stanica, Lucia Zaltron.

SUSTAINABILITY INDICATORS AND ENVIRONMENTAL VALUATION

Research Programme Co-ordinator:

Anna Alberini

The main objective of this research programme is the promotion and the use of an integrated approach to the analysis of the issues related to sustainable development. The analysis of the concept of sustainable development requires a multidisciplinary approach. To cope with this need, the programme members have different backgrounds: engineering, economics, and natural sciences. The main lines of research are sustainability indicators at the regional and local levels, evaluation of critical natural capital, green accounting, strategic environmental impact assessment, energy-related environmental issues (externalities). In addition to examining sustainability, the programme focuses on the valuation of the environment, using a variety of techniques. In particular the programme pays special attention to non-market valuation, i.e., on how to place a monetary value on goods, such as environmental quality, urban spaces, changes in mortality and morbidity risks, that are not routinely traded in regular marketplaces. The programme focuses on methodological issues in non-market valuation, as well as in the estimation of the benefits associated with specific policies.

Main Projects

CCASHh - Climate Change and Adaptation Strategies for Human Health

Funded by the European Commission, DG Research, Energy Environment and Sustainable Development Programme.

MFSTEP - Mediterranean Ocean Forecasting System: Toward Environmental Predictions

Funded by the European Commission, DG Research, Energy Environment and Sustainable Development Programme.

NewExt - New elements for the assessment of external costs from energy technologies

Funded by the European Commission, DG Research, Energy Environment and Sustainable Development Programme.

SUTRA - Sustainable Urban Transportation

Funded by the European Commission, DG Research, Energy Environment and Sustainable Development Programme.

ARSENALE - Public Preferences and Urban Regeneration: Land Use Changes and Aesthetics at the Venice Arsenale

Progetto Acque Alte - High Waters Project

Valuation of environmental quality improvements at

Economic incentives for the redevelopment of contaminated sites

S.Erasmo in the Lagoon of Venice

Clam fishing in the Lagoon of Venice: Incentives for Adopting Environmentally Sound Fishing Technologies

Researchers

Anna Alberini (co-ordinator), Roberta Camera, Aline Chiabai,
A. De Blaeij, Andrea Galvan, Gretel Gambarelli, Alberto Longo,
Mirko Moro, Paulo Nunes, Valeria Papponetti, Dino Pinelli,
Paolo Rosato, Luca Rossetto, Patrizia Riganti, Riccardo Scarpa,
Anna Sessarego, Riccardo Tarquini, Stefania Tonin,
Chiara Travisi, Francesco Trombetta, Margherita Turvani,
Giorgio Vicini, Valentina Zanatta

KNOWLEDGE, TECHNOLOGY AND HUMAN CAPITAL

Research Programme Co-ordinator

Gianmarco I.P. Ottaviano

This research programme intends to provide analysis and support for European policy makers in the transition towards a knowledge-based economy, as envisaged by the Lisbon Council. Individual projects address the relationship between European diversity, economic growth and innovation; the institutional organisations governing research and development; the impact and effectiveness of different education systems; the relationship between the creation of human capital and economic growth; and the implications of knowledge codification and Information and Communication Technologies (ICT) for growth and innovation at the local vs. global level. New databases have been constructed to support research and policy analysis. They include information on firms and their R&D activities, training and formation of human capital, diversity and growth at the local level.

Main Projects

ENGIME - Economic Growth and Innovation in Multicultural Environments

Funded by the European Commission, DG Research, Improving Human Potential and Socio-Economic Knowledge Base Programme.

ENSIPP – European Network on Scientific Inputs to Public Policy
Funded by the European Commission, DG Research, STRATA. **DEESD** – Digital Europe. E-business and sustainable development
Funded by the European Commission, DG Research, Information
Society Technologies Programme.

EDWIN – Education and wage inequality in Europe
Funded by the European Commission, DG Research, Improving
Human Potential and Socio-Economic Knowledge Base
Programme.

MEMA/MAEM - Master in Euro Mediterranean Affairs Funded by the INTERREG III B Medocc Programme.

Researchers

Gianmarco I.P. Ottaviano (co-ordinator), Elena Bellini, Imco Brouwer, Giorgio Brunello, Tina Cuffari, Daniela Filistrucchi, Claudio Lucifora, Carole Maignan, William Malizia, Valeria Papponetti, Dino Pinelli, Elisa Scarpa, Riccardo Tarquini.

PRIVATISATION, REGULATION ANTITRUST

Research Programme Co-ordinator:

Bernardo Bortolotti

Privatisation is a world-wide phenomenon. Between 1977 and 2002, more than 3,535 large scale privatisations were carried out in the world, bringing governments revenues of over 1.2 trillion dollars. The phenomenon involved more than 100 countries and all the sectors in which State-owned enterprises usually operate: agriculture and industry, finance, telecommunications, energy and services of public utility. The structural changes that privatisation involves call for a systematic inquiry about many fundamental policy issues:

• the different objectives and methods of privatisation, the profound causes of divestiture, and the financial and operating performance of privatised firms;

- the new role of the State as a regulator in sectors like public utilities and infrastructure;
- · the antitrust policy in a global economy with an enhanced private sector.

Main Projects

SUSTELNET - Policy and Regulatory Roadmaps for the Integration of Distributed Generation and the Development of Sustainable Electricity Networks

Funded by the European Commission, DG Research, Energy Environment and Sustainable Development Programme.

AMD - Auctions and Market Design: Theory, Evidence and Applications

Funded by the European Commission, DG Research,

Improving Human Potential and Socio-Economic Knowledge Base Programme, High Level Conferences.

The Privatisation Barometer. The Internet Portal on State-

Owned Enterprise Divestiture in the European Union

The Political Economy of Privatisation.

Researchers

Bernardo Bortolotti (co-ordinator), Daniele Benintendi, Nicolas Boccard, Luca Farinola, William Megginson, Valentina Milella, Giovanna Nicodano, Fausto Panunzi, Roberto Molteni, Domenico Siniscalco.

CORPORATE SOCIAL RESPONSABILITY AND SUSTAINABLE MANAGEMENT

Research Programme Co-ordinator:

Sabina Ratti

Since the early 90's FEEM has been acting as a pioneer in the field of companies' environmental management and communication, through national and international research projects. At the moment, the challenge companies are facing deals with the mounting pressures concerning their social and environmental responsibilities: the stakeholders expect companies to manage comprehensively the environmental, economic and social dimensions, fostering sustainable development. Research in this area aims at improving corporate environmental and social performance by providing companies with the organisational and technical tools for the effective and equitable management of corporate social responsibility issues as well as for an effective communication. Research focuses on: environmental and social accountability, sustainability reporting, risk management and communication, business ethics and corporate citizenship, stakeholders dialogue, intangible assets.

Main Projects:

JEP – Industrial management and logistics in the oil & gas sector

Funded by the European Commission, DG Education & Culture, Tacis Tempus Programme.

ESCO - Observatory on Environmental and Social Communication

Ethics and Enterprises - Bridging the moral divide

- Towards a participatory ethic code

Sustainability Assessment, Performance Indicators and Sustainability Reporting

RAP- Risk Assessment Pipeline

CRUISE- Environmental Aspects of the Sea Cruise Sector

Researchers

Sabina Ratti (co-ordinator), Gabriella Camarsa, Davide Canova, Sara De Gregorio, Daniela de Marco, Rosanna Dursi, Nicoletta Ferro, Ilaria Lenzi, Andrea Marsanich, Mirko Moro, Beatrice Nazzari, Veronica Nobili, Germana Olivieri, Francesca Palmisani, Franco Pecchio, Giulio Sapelli, Chiara Travisi, Giorgio Vicini.

GLOBAL GOVERNANCE

Research Programme Co-ordinator:

Carlo Carraro

This research programme aims at extending previous work on international agreements. The main goal is to analyse which rules and policies provide the best incentives for the emergence of international institutions to manage global public goods. This research programme adopts a quantitative and theoretical perspective by using game theory and the theory of networks to explore the interactions between governments and between economic agents who deal with global public goods. The analysis identifies economic factors, policies and institutions that could favour better and more extended forms of co-operation at the international level. New gametheoretical results are proposed and their applications to different economic problems are discussed.

Main projects

CTN- Coalition Theory Network
Research Policy

Researchers

Carlo Carraro (co-ordinator), Massimiano Bucchi,
Barbara Buchner, Francesco Bosello, Manuel Cabugueira,
Sergio Currarini, Francesca de Gaspari, Massimo Giovannini,
Marita Laukkanen, Veronika Nemes, Marco Orecchia,
Valeria Papponetti, Massimo Rovatti, Silvia Semenza,
Giorgio Vicini.

INTERNATIONAL ENERGY MARKETS

Research Programme Co-ordinator:

Anil Markandya

In 2003 FEEM initiated this new programme on international energy markets. Needless to say, the issues of energy are of critical importance in economic, environmental and social terms, covering all the three pillars of sustainable development. On the economic front, new developments are taking place in the areas of market liberalisation, within the EU and outside, as well as increased private sector participation in the supply of energy services. With the expansion of the EU to include 10 new members, there will be a number of new challenges to be met in these areas. We have also witnessed a period of high oil prices and although these are declining, the concerns about the impacts of large fluctuations in the price of this critical commodity on the economy remain. Much of the work in this programme will focus on oil markets to obtain a better understanding of the impacts of the volatility of oil markets on the real and financial sectors in the OECD countries. The energy-environmental issues that are taking central stage include, of course, climate change and the appropriate policy

responses to that, as well as growing concerns about health

and other impacts of burning fossil fuels for electricity generation and transport.

Finally there are major social concerns associated with international energy markets. Policies to address energy related pollution and to tackle global warming will imply increased prices for energy services. How will these impact on vulnerable groups, and what measures can we take to mitigate these impacts? Similar concerns have been expressed with regard to the increased role of the private sector in the distribution of electricity, for example. The issue is of some relevance in Europe, but is of even greater concern in the Third World where poverty alleviation is a major focus of policy.

Main Projects

INDES - Insuring Against Disruptions of Energy Supply
Funded by the European Commission, Energy Environment and
Sustainable Development Programme - Energie Open
Oil and Product Price Dynamics in International Petroleum
Markets

Volatility in Oil and Product Financial Returns

Price Asymmetries in International Oil Products Markets

Long-run Models of Oil Stock Prices

Modelling the Load Curve of Aggregate Electricity

Consumption.

Researchers

Anil Markandya (co-ordinator), Polina Averianova, Raffaella Bordogna, Luca Formentini, Margherita Grasso, Alessandro Lanza, Matteo Manera, Marco Orecchia, Franco Pecchio, Luca Rizzi, Piergiorgio Viaconzi, Giorgio Vicini.

publications

THE FONDAZIONE HAS THREE EDITORIAL SERIES:

1. Edward Elgar Publishing Ltd./FEEM Series on Economics and the Environment

Editorial Board: Carlo Carraro (Series Editor), Kenneth Arrow, William Baumol, Partha Dasgupta, Karl- Göran Mäler, Ignazio Musu, Henry Tulkens.

2. Oxford University Press/FEEM Series on Studies in Economics

Editorial Board: Gianmarco I.P. Ottaviano (Series Editor), Partha Dasgupta, David Landes, James Markusen, Domenico Siniscalco, Guido Tabellini, Jacques-François Thisse, Jean Tirole.

3. Il Mulino/FEEM Series on **Ambiente e Sviluppo** (Environment and Development).

Editorial Board: Alessandro Lanza (Series Editor), Bernardo Bortolotti, Carlo Carraro, Marzio Galeotti, Carlo Giupponi, Andrea Marsanich, Gianmarco I.P. Ottaviano, Dino Pinelli, Marialuisa Tamborra.

In special cases, the Fondazione also publishes with different publishers.

BOOKS

Porti, città e territorio costiero. Le dinamiche della sostenibilità

(Ports, Cities and Coastal Zones. The Dynamics of Sustainability) S. Soriani, ed.

Series Ambiente e Sviluppo (Series Environment and Development) Published by Il Mulino

Cluster di attività e trasformazioni metropolitane postindustriali Quattro esempi per Venezia

(Clusters of activities and post-industrial metropolitan transformations. Four examples for Venice)

A. Costa

J. Van der Borg

Series Ambiente e Sviluppo (Series Environment and Development) published by Il Mulino

The Endogenous Formation of Economic Coalitions

C. Carraro
Series Economics and the Environment
published by Edward Elgar

Climate Change in The Mediterranean

C. Giupponi, M. Shechter Series Economics and the Environment published by Edward Elgar

FEEM NOTE DI LAVORO WORKING PAPERS

In 2002 the Fondazione has published 116 working papers, achieving an important result: 1000 published working papers since the start of the series in 1991.

In 2003 FEEM will publish 120 working papers. The authors of the papers are both FEEM researchers and foreign researchers from international institutions worldwide. At present, FEEM papers collect the output of EU research projects, FEEM basic research, the presentations made at different workshops and congresses, and the contributions of independent researchers. FEEM's working papers are downloadable from the web site of the Fondazione www.feem.it, and from the electronic library of SSRN http://www.ssrn.com/link/feem.html, while the abstracts are published by AWPE (Abstracts of Working Papers in Economics) which grants entry into the Econlit database.

Since June 2001 FEEM's working papers are available also as an Economics Research Institutes Paper Series on ERN, the Economics Research Network of SSRN.

The downloads of the papers from both FEEM's and SSRN's web sites are free to anyone, whether a subscriber or not.

RAPPORTI SULLO SVILUPPO SOSTENIBILE

In 2002 and 2003 the Fondazione has circulated 8 working papers in Italian, "Rapporti sullo Sviluppo Sostenibile", focused on the issue of sustainable development. The target readership of these papers is the general public and the papers are therefore non technical. These papers are also downloadable from the web site of the Fondazione www.feem.it.

NEWSLETTER

The Fondazione issues a Newsletter (FEEM Newsletter) twice a year.

EQUILIBRI

The publication of the journal "Equilibri" started in 1997, based on the co-operation between the Fondazione and II Mulino." Equilibri" is published in Italian and deals with sustainable development as a broad issue. Recent topics include: energy, transport, migration policies, water, resource management.

"Equilibri" is published three times a year.

main conferences 2002

Venezia, Italy

Coalition Theory Network
FEEM on behalf of CTN Network

Milano, Italy

ANSEA Workshop. New Concepts in Strategic Environmental Assessment: Towards Better Decision-Making FEEM on behalf of ANSEA Research Consortium

Milano, Italy

Prospettive di sviluppo della Valutazione Ambientale Strategica in Italia

FEEM - ARPA Lombardia and Ministero dell'ambiente

Milano, Italy

Ghg Accounting and Reporting Workshop FEEM - WBCSD - WRI

Milano, Italy

Promoting Corporate Social Responsability and Disclosure FEEM and GRI Global Reporting Initiative

Alessandria, Italy

Game Practice and the Environment
Università del Piemonte Orientale and FEEM

Casaccia - Roma, Italy

1st Workshop ENEA - FEEM

Valutazione della vulnerabilita' e degli impatti dei cambiamenti climatici e dell'adattamento in Italia

ENEA and **FEEM**

Milano, Italy

Tools for Integrated Water Management within River Basins Workshop for Developing a Closer Collaboration among International Partners FEEM and ICAM Integrated Catchment Assessment and

Roma, Italy

Management Centre

2nd Workshop ENEA - FEEM ENEA and FEEM

Milano, Italy

Privatization, Corporate Governance and Financial Market Development

FEEM on behalf of PFM Research Consortium

Venezia, Italy

17th Annual Congress of the European Economic Association FEEM on behalf of European Economic Association

Venezia, Italy

57th European Meeting of the Econometric Society
FEEM on behalf of Econometric Society

Lavagna - Genova, Italy

Summer School on Game Theory and the Environment FEEM - EAERE - CITG

Milano, Italy

Momigliano Lecture

FEEM and GEI Gruppo Economisti d'Impresa

Milano, Italy

Auctions and Market Design: Theory, Evidence and Applications FEEM - UCL and University of Torino

Milan, Italy

Il Protocollo di Kyoto ed il mercato internazionale del carbonio: problemi e prospettive FEEM

Venezia, Italy

Mulino Eu Project Conference on Policies and Tools for the Sustainable Water Management in The Eu FEEM

Roma, Italy

Workshop on Research Policy - Incentives and Institutions
FEEM and INGV Istituto Nazionale di Geofisica e
Vulcanologia

Roma, Italy

FEEM and ENSIPP

ENSIPP Workshop European Network on Scientific Inputs to Public Policy Final Dissemination Conference

main conferences 2003

Genova, Italy

Il ruolo dei porti. Dinamiche evolutive e strategie sostenibili FEEM - FERPI

Aix-en-Provence, France

8th CTN workshop: Endogenous formation of social and economic network

FEEM - CTN - GREQAM

Roma, Italy

Cambiamenti climatici. Quali costi per l'Italia

ENEA - FEEM - Ministero dell'Ambiente

Miramare - Trieste, Italy

Conference on theoretical topics in ecological economics FEEM, ICTP and The Beijer Institute

Milan, Italy

3rd ENGIME workshop: social dynamics and conflicts in multicultural cities

ENGIME Network - FEEM

Cagliari, Italy

2nd EEP Conference on "The future of climate policy"
FEEM - EEP Network

Milano, Italy

Dialogo con gli stakeholder. Percorsi ed esperienze a confronto FEEM

Genova, Italy

E-learning. La formazione è in rete FEEM

Roma, Italy

The governance of cultural diversity IPRS - FEEM

Venice, Italy

Digital Europe final conference
FEEM on behalf of Forum for the Future

Milano, Italy

Plusvalori. Seminario sulla responsabilità sociale dell'impresa FEEM - Fondazione per la Cittadinanzattiva

Venice, Italy

Bioecon policy workshop on "Economic policies for biodiversity conservation"

FEEM - VIU - UCL on behalf of BIOECON

Venice, Italy

European summer school in resources and environmental economics. Political economy of the environment FEEM - EAERE - VIU

Cagliari, Italy

Tourism and sustainable economic development: Macro and micro economic issues

CRENOS (Università di Cagliari e Sassari) - FEEM with the

Milano, Italy

support of World Bank

Auctions and market design theory, evidence and applications

FEEM - UCL and University of Torino

Miramare - Trieste, Italy

1st Workshop on integrated climate models. An interdisciplinary assessment of climate impacts and policies
FEEM, ICTP and The Beijer Institute

Genova, Italy

Scuola di comunicazione ambientale FEEM and Università degli Studi di Genova

Miramare - Trieste, Italy

2nd Advanced course on computable general equilibrium modelling (CGE) and the environment FEEM, ICTP and The Beijer Institute

FEEM's International Research Partners





FEEM's International Research Network

Research Fellows:

Giorgio Brunello, Massimiano Bucchi, Enrica Croda, Cesare Dosi, Mauro Fabiano, Marino Folin, Alfonso Gambardella, Pierfrancesco Ghetti, Josef Jannsen, Claudia Kemfert, Alberto Longo, Danilo Mainardi, Ignazio Musu, Giovanna Nicodano, Paulo Nunes, Fausto Panunzi, Fioravante Patrone, Davide Pettenella, Francesca Recanatini, Patrizia Riganti, Maurizio Rispoli, Paolo Rosato, Enzo Rullani, Francesco Rullani, Walter Sancassiani, Giulio Sapelli, Riccardo Scarpa, Antoine Soubeyran, Salvo Torrisi, Margherita Turvani, Anastasios Xepapadeas, Valentina Zanatta, Gabriele Zanetto, Bob van der Zwaan.

Research Networks:

Coalition Theory Network, European Climate Forum, Climate Strategies, European Forum on Integrated Environmental Assessment, European Network on Scientific Input to Public Policy, BIOECON Network, Climate Policy Network.

financial statement 2002

BALANCE SHEET (data in Euros)

ASSETS	12/31/2001	12/31/2002
FIXED ASSETS		
Lands and buildings	8,086,617.80	8,012 <mark>,825.00</mark>
Technical equipment and machines	43,340.26	44,619.35
Office equipment	86,392.81	62,835.79
Other equipment (electronic machines)	124,813.72	69,506.72
Software	57,615.16	45,375.66
Library	574,382.27	666,596.17
Financial Assets	19,169,227.95	19,139,038.23
TOTAL FIXED ASSETS	28,142,389.97	28,040,796.92
CURRENT ASSETS		
Receivables	0.00	31,693.30
Cash and interest bearing accounts	191,974.57	318,964.86
TOTAL CURRENT ASSETS	191,974.57	350,658.16
DEFERRED CHARGES	192,228.20	189,272.54
TOTAL ASSETS	28,526,592.74	28,580,727.62
LIABILITIES	12/31/2001	12/31/2002
Initial Endowment	13,316,553.00	13.316.553,00
Grants from the Founders	9,696,825.50	9,784,623.18
Study and Research fund	3,547,141.01	3.547.141,01
Investment Portfolio Fluctuation Fund	282,897.59	514,434.76
Net income	231,537.17	75,737.62
TOTAL NET LIABILITIES	27,074,954.27	27,238,489.57
DEBTS		
Suppliers	294,858.96	522,978.89
Other debts	161,972.01	95,746.38
TOTAL DEBTS	456,830.97	618,725.27
DEFERRED INCOME	994,807.50	723,512.78
TOTAL LIABILITIES	28,526,592.74	28,580,727.62

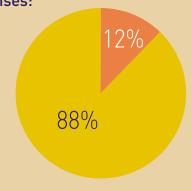
Net Liabilities (Million of euros)



INCOME STATEMENT (data in Euros

	2001	2002
REVENUES		
Income from financial assets	895,920.03	585,444.62
Rents	193,237.15	207,490.54
Research contributions	2,218,702.62	2,310,212.65
Donation by Founders	1,033,464.40	1.033.454,81
TOTAL REVENUES	4,341,324.20	4,136,602.62
EXPENSES		
Library and publications	273,272.05	267,476.69
Consumables	148,635.75	141,117.34
Research services and scholarships	1,628,053.92	1,617,533.14
Personnel expenses	421,548.78	425,538.91
Database and computers	160,967.03	51,865.68
Depreciation	214,490.82	262,598.73
Other expenses	1,262,818.68	1.294.734,51
TOTAL EXPENSES	4,109,787.03	4,060,865.00
NET INCOME	231,537.17	75,737,62

Percentage composition of expenses:



Administration and Management Research, Publications and library

FEEM's carbon dioxide reduction commitment

Consistent with its mission in the field of energy, economics and the environment, the Fondazione aims at setting its own commitment to the protection of climate.

Following the guidelines provided by the World Resource Institute (http://pdf.wri.org/wri_co2guide.pdf), the Fondazione has made an initial effort to set up an inventory of its major sources of CO₂ emissions in the years 2000 and 2002. National technological standards for the computation of emissions by source have been adopted.

The CO_2 emissions' sources that we considered include emissions from the use of natural gas and electricity (for heating, air conditioning, lighting, computers), travel for

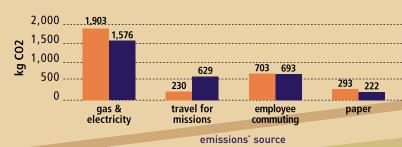
missions (aeroplane, train, taxi, private cars), employee commuting and paper, at the FEEM headquarters in Milan and all other FEEM locations. To compute emissions from employee commuting a survey questionnaire was sent to all FEEM employees, researchers and associates.

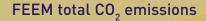
Overall CO_2 emissions show an increasing trend from the year 2000 to the year 2002. Discounting for a scale effect, due to a considerable increase of our staff over the years inside the same building, the evidence on the CO_2 pro capite emissions by source shows an increase in pro capite emissions from travel, and a slight decrease in pro capite emissions produced by the other sources.

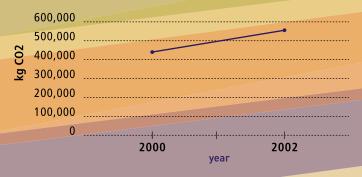
Our goal for the near future is to define a CO_2 reduction commitment with respect to the 2000 baseline, and to implement *ad hoc* climate change mitigation policies, both through internal policies and the use of market mechanisms, with an active involvement and participation of the whole FEEM staff.

This effort not only demonstrates our own commitment to the mitigation of climate change, but also aims at providing a pioneer example to other organisations towards climate protection.

FEEM CO₂ pro capite emissions by source 2000 ■ 2002







the web

In the attempt to redefine its corporate identity, the
Fondazione Eni Enrico Mattei has redesigned its web site
and reorganised its contents.

Supported by one of the major Italian web agencies FEEM
has simplified the search of the information requested by
simulating the steps of its users.

The web site has been reorganised on the basis of the best
practice acquired in 9 years of on-line experience, with
special emphasis on the development planning and dynamic
management of its contents.

The new information no longer needs to be "codified" for
the web in more or less complex languages, but it is loaded
directly on line by the persons involved in the projects and in
the publications area.

This simplified process assures that the information contained in the site is up-to-date.

We have taken advantage of this "reconstruction" process to provide consistency to contents and format of our site, which is essential to obtain correct search results.

A good site is evaluated by the number of contacts, but also by the number of users, and in 2003 FEEM's site www.FEEM.it has grown from ninemillionfivehundred contacts (hits) to the remarkable peak of tenmillionfivehundred contacts per year.

These data refer to the period ranging from January 1, 2003 to December 31, 2003 (*).

The users were 350,000; an outstanding result for a site

focused on a specific sector. This would be an excellent

result compared with a thematic television.

(*) = estimate

The time devoted to our site (an average of 10 minutes per user) leads us to believe that our typical surfer is very much attracted by topics he/she considers interesting. In fact, average permanence on the site is longer than the time devoted to the most popular Internet business sites.

Feem's working papers, newletters, and annual reports are downloadable from the Fondazione's web site in pdf format, which is the worldwide standard format for electronic publications.

In 2003 approximately 400,000 publications have been downloaded in pdf format for a total of 90 GBytes, a quantity of information comparable to approximately 70,000 copies of a novel.

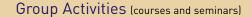


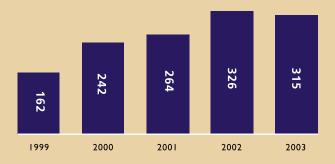
@feem.it

The @feem.it project (Young People Project) has been developed by the Fondazione Eni Enrico Mattei and carried out with the support of Italgas. The project is structured in a network of Multimedia Libraries. These libraries aim at building the capacities and human capital of young university students; they offer free access to personal computers, the Internet and multimedia technologies, courses on the main Windows programmes, including the MS Office, web, graphic and CAD applications, foreign language courses, career guidance, cultural events,

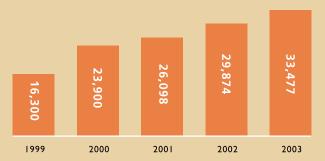
conferences and seminars on the main themes requested by students (e-learning, studying abroad, Erasmus, Master, improved knowledge of the English language, job opportunities on the web, enterprise creation, stage and other topics).

Feem's capacity building project is characterised by lightness, rapidity, quality, and repeatability. The aim is to establish a closer and continuous link among firms, territory, local administrations and communities; to supply a high quality service for young people; to create expertise in the





Subscribers (students)



economic, energy and environmental fields; to disseminate knowledge on information technology.

This project includes six Multimedia Libraries in Turin, Genoa, Milan, Venice, Rome and Novij Urengoi (Siberia). The support of Italgas in Turin, Venice and Rome, Eni Refining & Marketing in Genoa, and Eni Gas & Power in Milan and Novij Urengoi enabled Feem to open the individual libraries.

Hewlett Packard Italiana and Microsoft Italia sponsor the project by providing the hardware and software.

Computer Hours Offered



organisation

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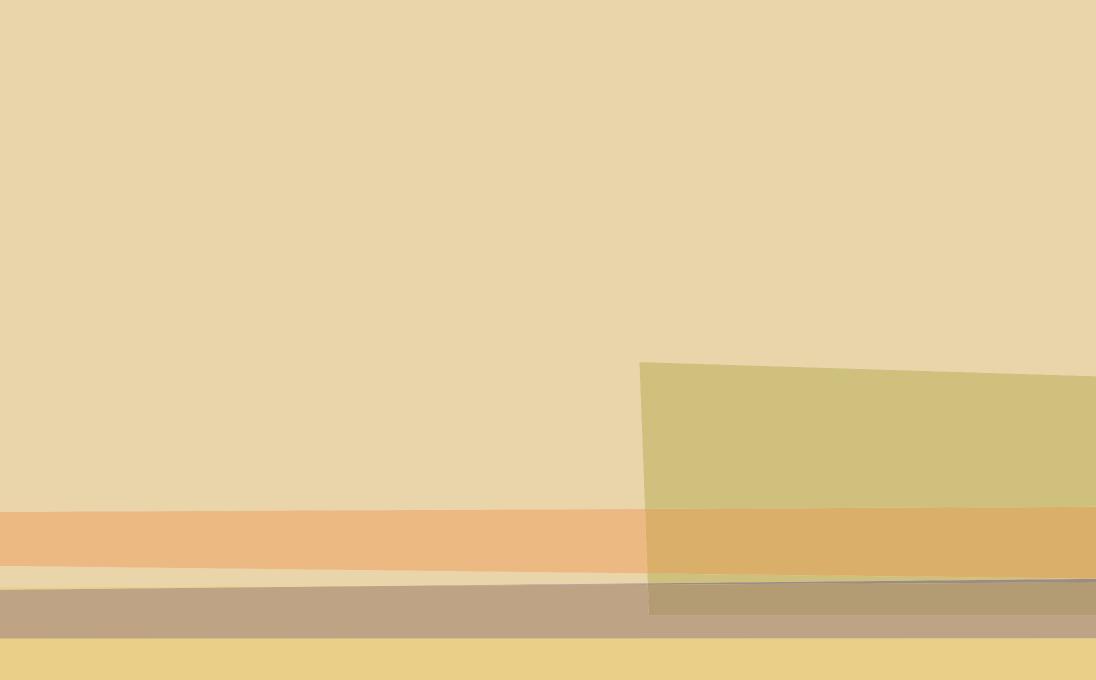
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