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PERSONAL INFORMATION

Title	DR.
Name	BUCHNER, BARBARA KATRIN
Address	5 IMPASSE DES CARRIERES, 75016 PARIS, FRANCE
Telephone	-
Fax	-
E-mail	Barbara.BUCHNER@iea.org
Nationality	Austria
Date of birth	17 MAY 1974

EDUCATION

- **PhD in Economics**
 - Date August 2003
 - Principal subjects covered Thesis: "Incentives in the Transition to Sustainable Structures: The Case of Climate Change Control"
- **Master in Economics**
 - Date March 1999
 - Principal subjects covered Thesis: "The Employment Effects of Environmental Related Transport Investments"
Economics / Environmental Sciences (joint program)
- **Main course concentration** Environmental and Resource Economics, Environmental Policy (Climate Change, Energy, Transport), Theory of Regulation and Deregulation, Economics of Sustainable Development, Economic Development

PROFESSIONAL AND ACADEMIC EXPERIENCES

- Dates (from – to) 2007 – now
- Name and address of institution International Energy Agency (IEA), 9 rue de la Fédération, 75015 Paris, France
- Occupation or position held Energy and Environmental Analyst
- Main activities and responsibilities Qualitative and quantitative analysis of Kyoto Protocol mechanisms and of other policy approaches to greenhouse gas mitigation; project management and development, organization and coordination of international workshops; participation in and presentations at international conferences and workshops.
- Dates (from – to) 2000 - 2006
- Name and address of institution Fondazione Eni Enrico Mattei (FEEM), Campo S. M. Formosa, Castello 5252, I-30122 Venice, Italy
- Occupation or position held Senior Researcher
- Main activities and responsibilities Research in the economics and policy of climate change, project management and development, organization and coordination of international workshops, participation in and numerous presentations at international conferences and workshops, lecturer in training courses on Sustainable Development, the Kyoto Protocol and specifically the Clean

- Dates (from – to) Development Mechanism. Technical support to the Italian Ministry of Environment for the G8 Meetings.
- Name and address of institution Fall 2006
Massachusetts Institute of Technology (MIT) - *Joint Program on the Science and Policy of Global Change & Centre for Energy and Environmental Policy Research (CEEPR)*
Bldg E40, Room 410, 77 Massachusetts Avenue, Cambridge, MA 02139-4307
- Occupation or position held Visiting Scholar
- Main activities and responsibilities Research in the economics and policy of climate change, with a particular focus on the EU Emissions Trading Scheme.
- Dates (from – to) 2000
- Name and address of institution Austrian Human Dimensions Programme (HDP-A)
Department of Economics, University of Graz, Universitaetsstrasse 15, A-8010 Graz, Austria
- Occupation or position held Staff member of the secretariat
- Main activities and responsibilities Coordination of research dedicated to describing, analyzing and understanding the human dimensions of global environmental change; capacity building and networking.
- Dates (from – to) 1998 – 2000
- Name and address of institution Austrian Institute of Economic Research (WIFO), A-1103 Vienna, Arsenal, Objekt 20, Austria
- Occupation or position held Researcher
- Main activities and responsibilities Research scholar in the project "Options for Domestic Trading Regimes to Fulfill the Kyoto Commitments", funded by the Austrian Ministry of Environment; Research scholar in the project "The Employment Effects of Environmental Related Transport Investments", funded by the Austrian Ministry of Environment
- Dates (from – to) 1997 – 2000
- Name and address of institution Austrian Council on Climate Change (ACCC)
Department of Economics, University of Graz, Universitaetsstrasse 15, A-8010 Graz, Austria
- Occupation or position held Staff member in the secretariat
- Main activities and responsibilities Scientific and organizational responsibility, publication of quarterly newsletter and conference proceedings, organization of scientific workshops and meetings
- Dates (from – to) 1997
- Name and address of institution Department of Economics, University of Graz, Universitaetsstrasse 15, A-8010 Graz, Austria
- Occupation or position held Undergraduate research scholar
- Main activities and responsibilities Cooperation in the project "Transport and Environment", funded by the Austrian Ministry of Environment and the Austrian Ministry of Transport
- Dates (from – to) 1996
- Name and address of institution The Australian Trust for Conservation Volunteers (ATCV), Australia
- Occupation or position held Conservation volunteer in non-profit environmental organization
- Main activities and responsibilities 6 weeks engaged in conservation projects in Australia

PUBLICATIONS

- Journals
 - Kuik, O., B. Buchner, M. Catenacci, A. Gorla, E. Karakaya, and R.S.J. Tol, Methodological Aspects of Recent Climate Change Damage Cost Studies, forthcoming *Integrated Assessment Journal*.
 - Ellerman, A.D. and B.K. Buchner, 2007. The European Union Emissions Trading Scheme: Origins, Allocation, and Early Results, *Review of Environmental Economics and Policy*, Vol. 1, N° 1, 66-87.
 - Buchner, B. and C. Carraro, 2006. US, China and the Economics of Climate Negotiations, *International Environmental Agreements: Politics, Law and Economics*, Vol. 6, N° 1, 63-89.
 - Buchner, B. and C. Carraro, 2005. Modelling Climate Policy. Perspectives on Future Negotiations, *Journal of Policy Modeling* 27(6): 711-732.
 - Buchner, B. and C. Carraro, 2005. Economic and Environmental Effectiveness of a Technology-based Climate Protocol, *Climate Policy* 4: 229-248.
 - Buchner, B. and S. Dall'Olio. 2005. Russia: the Long Road to Ratification. *Transition Studies Review* 39.
 - Buchner, B. and C. Carraro, 2004. Emission Trading Regimes and Incentives to Participate in International Climate Agreements. *European Environment*, Vol. 14, Issue 5, 276-289.
 - Buchner, B. and C. Carraro, 2004. Emission Trading Regimes and Incentives to Participate in International Climate Agreements. In J. Albrecht, ed., *Climate Policy after 2012*, European Environment, Vol. 14, Issue 5, 276-289.

- Buchner, B. and M. Galeotti. 2004. Climate Policy and Economic Growth in Developing Countries: The impact of Kyoto. *International Journal of Global Environmental Issues*, Vol. 4, Nos.1/2/3, 109-138.
- Bosello, F., B. Buchner and C. Carraro. 2003. Equity, Development and Climate Change Control. *Journal of the European Economic Association*, Vol. 1, 2-3, 601-611.
- Buchner, B., C. Carraro and I. Cersosimo. 2002. Economic Consequences of the US Withdrawal from the Kyoto/Bonn Protocol. *Climate Policy* 2 (2002), 273-292.
- Books and Reports
- Buchner, B., CDM – A Policy to Foster Sustainable Development? In M.L. Gullino, I. Musu, C. Clini, Y. Xiaoling, eds., *Sustainable Development and Environmental Protection*. Forthcoming, Springer.
- Buchner, B. and C. Carraro, Parallel Climate Blocs. Incentives to Cooperation in International Climate Negotiations. In R. Guesnerie and H. Tulkens, *The Design of Climate Policy*. Forthcoming, MIT Press.
- Ellerman, A.D., Buchner, B.K. and C. Carraro (eds.), 2007. *Allocation in the European Emissions Trading Scheme: Rights, Rents and Fairness*. Cambridge University Press.
- Buchner, B. and C. Carraro, 2007. Regional and Subglobal Climate Blocs. A Cost-Benefit Analysis of Bottom-up Climate Regimes. In C. Carraro and C. Egenhofer, *Bottom-up Approaches Towards a Global Climate Agreement*. Edward Elgar.
- Buchner, B. and C. Carraro, 2007. Participation Incentives and Technical Change. From Top-Down to Bottom-Up Climate Agreements. In C. Carraro and C. Egenhofer, *Bottom-up Approaches Towards a Global Climate Agreement*. Edward Elgar.
- Buchner, B., C. Carraro, I. Cersosimo and C. Marchiori. 2005. Back to Kyoto? US Participation and the Linkage between R&D and Climate Cooperation. In A. Haurie and L. Viguier, eds., *Coupling Climate and Economic Dynamics*, Kluwer Academic Publishers, p. 173-204.
- Buchner, B. 2005. The Dynamics of the Climate Negotiations: a Focus on the Developments and Outcomes from The Hague to Delhi. In M. Bothe and E. Rehbinder, eds., *Climate Change Policy*, Eleven International Publishing: The Netherlands, p. 19-43.
- Buchner, B. and J. Lehmann. 2005. Equity Principles to Enhance the Effectiveness of Climate Policy - An Economic and Legal Perspective. In M. Bothe and E. Rehbinder, eds., *Climate Change Policy*, Eleven International Publishing: The Netherlands, p. 45-72.
- Buchner, B., A. Caparrós Gass and T. Tazdait. 2005. The Clean Development Mechanism and Ancillary Benefits. In M. Bothe and E. Rehbinder, eds., *Climate Change Policy*, Eleven International Publishing: The Netherlands, p.131-148.
- Bosello, F., B. Buchner, C. Carraro and D. Raggi. 2004. Can Equity Enhance Efficiency? Some Lessons from Climate Negotiations. In C. Carraro and V. Fragnelli, eds., *Game Practice and the Environment*, E.Elgar: Cheltenham, p. 37-64.
- Kletzan, D., A. Köppl and B. Buchner. 2000. Ein Erstansatz für ein nationales CO₂-Emission-Trading-System. (An Initial Approach for a National CO₂-Emission Trading System.) Project Report of the Austrian Institute of Economic Research.
- Köppl, A., K. Kratena, W. Puwein and B. Buchner. 1999. Beschäftigungseffekte umweltrelevanter Verkehrsinvestitionen: Potential einer Strukturveränderung im Verkehrssektor. (Employment Effects of Environmental Related Transport Investments: Potential of a Structural Change in the Transport Sector.) Project Report of the Austrian Institute of Economic Research.
- Working papers
- Barbara Buchner, Michela Catenacci and Alessandra Sgobbi. 2007. Governance and Environmental Policy Integration in Europe: What Can We learn from the EU Emission Trading Scheme? FEEM Working Paper 54.2007, Milan.
- Bosello, F., B. Buchner, J. Crimi, C. Giupponi and A. Povellato. 2007. The Kyoto Protocol and the Effect of Existing and Planned Measures in the Agricultural and Forestry Sector in the EU25. FEEM Working Paper 13.2007, Milan.
- Ellerman, A.D. and B. Buchner. 2006. Over-Allocation Or Abatement? A Preliminary Analysis of the EU ETS Based on the 2005 Emissions Data. MIT Joint Program on the Science and Policy of Global Change Report N. 141.
- Buchner, B., C. Carraro and A.D. Ellerman. 2006. The Allocation of European Union Allowances: Lessons, Unifying Themes and General Principles. FEEM Working Paper 116.2006, Milan and MIT Joint Program on the Science and Policy of Global Change Report N. 140.
- Bosetti, V. and B. Buchner. 2005. Using Data Envelopment Analysis to Assess the Relative Efficiency of Different Climate Policy Portfolios. FEEM Working Paper 82.2005, Milan.
- Buchner, B. and C. Carraro. 2005. Regional and Sub-Global Climate Blocs. A Game-Theoretic Perspective on Bottom-up Climate Regimes. FEEM Working Paper 21.2005, Milan and CEPR Discussion Paper No. 5034 (2005).
- Buchner, B. and S. Dall'Olio. 2004. Russia: the Long Road to Ratification. FEEM Working Paper

151.04, Milan.

Buchner, B. and C. Carraro. 2004. Economic and Environmental Effectiveness of a Technology-based Climate Protocol. FEEM Working Paper 61.2004, Milan and CEPR Discussion Paper No. 4412 (2004).

Buchner, B. and C. Carraro. 2003. Emissions Trading Regimes and Incentives to Participation in International Present Climate Agreements. FEEM Working Paper 104.2003, Milan and CEPR Discussion Paper No. 4299 (2004).

Buchner, B. and C. Carraro. 2003. China and the Evolution of the Present Climate Regime. FEEM Working Paper 103.2003, Milan.

Buchner, B. and M. Galeotti. 2003. Climate Policy and Economic Growth in Developing Countries. FEEM Working Paper 91.2003, Milan.

Bosello, F., B. Buchner, C. Carraro and D. Raggi. 2003. Can Equity Enhance Efficiency? Some Lessons from the Kyoto Protocol. CEPR Discussion Paper No. 3606 (2003).

Buchner, B., C. Carraro, I. Cersosimo and C. Marchiori. 2002. Back to Kyoto? US Participation and the Linkage between R&D and Climate Cooperation. CESifo Working Paper 688 (2002). Forthcoming in A. Haurie and L. Viguier, eds., *Coupling Climate and Economic Dynamics*, Kluwer Academic Publishers.

Buchner, B. and R. Roson. 2002. Conflicting Perspectives in Trade and Environmental Negotiations. FEEM Working Papers 68.2002, Milan.

Buchner, B., C. Carraro and I. Cersosimo. 2001. On the Consequences of the US Withdrawal from the Kyoto/Bonn Protocol. FEEM Working Papers 102.2001 and CEPR Discussion Paper No. 3239 (2002).

Bosello, F., B. Buchner, C. Carraro and D. Raggi. 2001. Can Equity Enhance Efficiency? Lessons from the Kyoto Protocol. FEEM Working Papers 49.2001.

Buchner, B. 2001. What Really Happened in The Hague. Report on the COP 6, Part I. FEEM Working Paper 38.2001.

Buchner, B. 1996. Ökonomische Auswirkungen einer verstärkten Biomasse-Nutzung. (Economic Impacts of an Expanded Use of Biomass.) *Studien zur Umweltsystemwissenschaft 1-96*, pp. 93-110, University of Graz.

• Presentations and Lectures

- "Ancillary benefits of abatement measures", First EEP Young Researchers' Workshop, FIELD, London, UK, 9-10 April 2001. Paper presenter.
- "Climate Policy and Modelling: The Way Forward", Workshop on "International Climate Policy after COP 6", Hamburg Institute of International Economics (HWWA), Hamburg, Germany, 24-26 September, 2001. Paper presenter.
- "Economic Implications of the Bonn Negotiations", Second EEP Young Researchers' Workshop on Law and Economics for Climate Change in a European Context, FEEM, Venice, Italy, 5 December 2001. Paper presenter.
- "On the Consequences of the U.S. Withdrawal from the Kyoto/Bonn Protocol", Third EEP Young Researchers Workshop, CIREN, Paris, France, 21 March 2002. Paper presenter.
- "Can Equity Enhance Efficiency? Lessons from the Kyoto Protocol.", Workshop on "Game Practice and the Environment", Alessandria, Italy, 12-13 April, 2002. Paper presenter.
- "Can Equity Increase the Participation in Environmental Agreements? Lessons from the Kyoto Protocol.", Workshop on "Theoretical Ecology: Natural resource Management and Conservation Biology", Trieste, Italy, 22 April - 3 May, 2002. Paper presenter.
- "Can Equity Enhance Efficiency? Lessons from a Kyoto-Forever Scenario.", 2nd World Congress of Environmental and Resource Economists, Monterey, CA, USA, 24-27 June, 2002. Paper presenter.
- "On the Consequences of the US Withdrawal from the Kyoto/Bonn Protocol", 2nd World Congress of Environmental and Resource Economists, Monterey, CA, USA, 24-27 June, 2002. Paper presenter.
- "On the Consequences of the US Withdrawal from the Kyoto/Bonn Protocol", 17th Annual Congress of the European Economic Association, Venice, Italy, 22-24 August, 2002. Paper presenter.
- "On the Effectiveness of a Technology-Based Climate Regime", EFIEA 2 Opening Conference On Sustainability Assessment, Amsterdam, Netherlands, 7-9 Ottobre, 2002. Paper presenter.
- "The Role of Far-Eastern Countries in International Climate Policy", Fifth EEP Plenary Workshop and Second EEP Conference on "The Future of Climate Policy", Cagliari, Italy, 27-28 March, 2003. Paper presenter.
- "Alternative Approaches to Climate Policy: A Technology-Based Framework", Final EEP

Conference on "Legal Issues in the Implementation and Enforcement of Climate Policies in Europe", Brussels, Belgium, 16-17 June, 2003. Paper presenter.

- "International Climate Policy", CESD Summer School on "Managing Global Commons: Economic Incentives and Institutions", Venice, Italy, 18 June, 2003. Presenter.
- "An Introduction to Climate Policy", University of Venice, Italy, June 2003
CESD Summer School on "Managing Global Commons: Economic Incentives and Institutions", Venice, Italy, June 2003. Lecture.
- "An Introduction to Climate Policy", University of Venice, Italy, June 2003. Lecture.
- "Regional Climate Regimes", European Association of Environmental and Resource Economists Conference (EAERE) 2003, Bilbao, 28-30 June, 2003. Paper presenter.
- "China and the Evolution of the Present Climate Regime", Workshop on "Climate Policy After 2012", University of Ghent, Belgium, 17-18 November, 2003. Paper presenter.
- "Background to GHG Accounting: An Introduction to Climate Change and Climate Policy", GHG Accounting Seminar, FEEM, Milan, February 2004. Lecture.
- "Strumenti di mercato per la riduzione delle emissioni: scenari di scambio dei certificati negoziabili", SEP Ecotechnologies Exhibition, Padova, Italy, 19 March 2004. Paper presenter.
- "EU Leadership Post-2012: What Are The Incentives?", Second Roundtable on "Reinforcing Asia-Europe Cooperation on Climate Change", Cheju Island, South Korea, 25-26 March 2004. Paper presenter.
- "Managing Global Commons: The Case of International Climate-change Control", PhD programme in Analysis and Governance of Sustainable Development, Venice, May 2004. Lecture.
- "The Future of the Kyoto Protocol and the European Union", Course on Sustainability: Strategies, Methodologies, Policies and Actions for Central and Eastern Europe, organized by the Italian Ministry for the Environment and Territory in cooperation with Venice International University and the Regional Environmental Center for Central and Eastern Europe, Venice, May 2004. Lecture.
- "Beyond Kyoto: Identifying the Long-term Options", 7th Annual Conference on Global Economic Analysis "Trade, Poverty and the Environment" World Bank, Washington, D.C. 17- 19 June 2004. Paper presenter.
- "Climate Policy in Europe", CPN Fall Meeting, organized by Resources for the Future (RFF), Washington, 7-8 October 2004. Presenter.
- "The EU Carbon Market", University of Venice, Italy, 10 May 2005. Lecture.
- "Regional and Subglobal Climate Blocs. A Game-Theoretic Perspective on Bottom-up Climate Regimes", Conference on "Post 2012 Climate Policy: Architectures and Participation Scenarios", organized by Fondazione Eni Enrico Mattei in co-operation with Stanford University and Resources for the Future, Venice, Italy, 20-21 June 2005. Paper presenter.
- "Regional and Subglobal Climate Blocs. A Game-Theoretic Perspective on Bottom-up Climate Regimes", EAERE 2005, Bremen, Germany, 23-26 June 2005. Paper presenter.
- "Climate Policy in Europe", Third CPN Meeting, organized by Fondazione Eni Enrico Mattei (FEEM), Chia Laguna, 14-15 September 2005. Presenter.
- "Regional and Subglobal Climate Blocs. What are the incentives?", Montreal Strategic Climate Change Workshop on Sub-National Strategies for Clean Energy Investment, Technology Deployment and Innovation, Vaudreuil-Dorion, Canada, 3-5 October 2005. Paper presenter.
- "Economic and Environmental Effectiveness of a Technology-based Climate Protocol", Montreal Strategic Climate Change Workshop on Sub-National Strategies for Clean Energy Investment, Technology Deployment and Innovation, Vaudreuil-Dorion, Canada, 3-5 October 2005. Paper presenter.
- "Economic and Environmental Effectiveness of a Technology-based Climate Protocol", Workshop on Climate Policy and Technological Change, Norway Statistics, Oslo, Norway, 20-21 October 2005. Paper presenter.
- "An overview on the Kyoto Protocol and its Flexible Mechanisms", Advanced CASS Training "Eco-Management Strategies and Policies", Beijing, China, 24-28 October 2005. Lecture.
- "The Kyoto Protocol and its Flexible Mechanisms – An overview on the background concepts and applications in the real world", Advanced MOST Training, "Capacity Building on Clean Development Mechanisms", Beijing, China, 24-28 October 2005. Lecture.
- "An Introduction to the CDM: Key issues and developments", Advanced MOST Training, "Capacity Building on Clean Development Mechanisms", Venice, Italy, 3 November 2005.

Lecture.

- "Update on KP Negotiations and on EU Implementation at the Member State Level", MEACAP Management Group Meeting 4, Leipzig, Germany, 28 November 2005, Paper presenter.
- "The Kyoto Protocol and the EU Emissions Trading Scheme: developments and drivers", Course on "Sustainability: Strategies, Methodologies, Policies and Actions for Central and Eastern Europe", Venice, Italy, 26 January 2006. Lecture.
- "The Effect of Existing and Planned Measures and of Environmental Agreements in the Agricultural and Forestry Sector in the EU25", Topic Group Meeting Review of ECCP I: Agriculture, European Commission, Brussels, Belgium, 31 January 2006. Paper presenter.
- "Long-term Stabilisation of GHG Concentrations. Economic Implications and Policy Analysis," Tokyo Meeting for Environmental Issues - Final meeting for ESRI International Collaboration Projects 2005, Tokyo, Japan, 2-3 March 2006. Paper presenter.
- "An introduction to the CDM: The scientific background and policy framework related to climate change", Shanghai Environmental Protection Bureau Training Program, "Capacity Building on Clean Development Mechanism", Shanghai, China, 23-25 March 2006. Lecture.
- "The financial aspect: developments of the CDM market", Shanghai Environmental Protection Bureau Training Program, "Capacity Building on Clean Development Mechanism", Shanghai, China, 23-25 March 2006. Lecture.
- "An overview of the CDM: Key issues and the situation of CDM in the real world", Shanghai Environmental Protection Bureau Training Program, "Capacity Building on Clean Development Mechanism", Shanghai, China, 23-25 March 2006. Lecture.
- "Some conclusions and thought on future developments related to CDM and China", Shanghai Environmental Protection Bureau Training Program, "Capacity Building on Clean Development Mechanism", Shanghai, China, 23-25 March 2006. Lecture.
- "China's role in Sustainable Development: signals from the current economic and environmental situation", Chinese Ministry of Science and Technology (MOST) Training, "Capacity Building on Sustainable Development", Beijing, China, 27-31 March 2006. Lecture.
- "CDM – A Policy to Foster Sustainable Development", Chinese Ministry of Science and Technology (MOST) Training, "Capacity Building on Sustainable Development", Beijing, China, 27-31 March 2006. Lecture.
- "Lessons from the first allocation phase in the EU ETS", Fourth Climate Policy Network Meeting, MIT, Cambridge, MA, USA, 15-16 May 2006, Paper presenter.
- "Regional and Subglobal Climate Blocs. What are the incentives?", Post-Kyoto CRP consultancy meeting, IAEA, Trieste, 22-26 May 2006. Paper presenter.
- "Lessons from the first allocation phase in the EU ETS", Workshop on EU ETS at Austrian Institute of Economic Research (WIFO), Vienna (Austria), 2 June 2006. Paper presenter.
- " 'Lessons' from the first allocation phase in the EU ETS", Third World Congress of Environmental and Resource Economists, Kyoto, Japan, 3-7 July 2006. Paper presenter.
- "Using Data Envelopment Analysis to Assess the Relative Efficiency of Different Climate Policies Portfolios", Third World Congress of Environmental and Resource Economists, Kyoto, Japan, 3-7 July 2006. Paper presenter.
- "Parallel Climate Blocs. Incentives to cooperation in international climate negotiations", Third World Congress of Environmental and Resource Economists, Kyoto, Japan, 3-7 July 2006. Paper presenter.
- "The EU ETS: Drivers and Developments", Academic Seminar at Resources For the Future (RFF); Washington D.C., 22 September 2006. Presenter.
- "The EU ETS: Drivers and Developments", Seminar at Boston University, Center for Energy and Environmental Studies and Global Governance and Development Program, Boston, MA, 26 September 2006. Presenter.
- "Allocation in the EU Emissions Trading Scheme", MIT Joint Program Lunch Seminar, Massachusetts Institute of Technology (MIT), Cambridge, MA, 29 September 2006. Presenter.
- "Abating global warming, emissions trade and the need for European coordination", TAXBEN Final Conference, Center for European Policy Studies (CEPS), Brussels, Belgium, 27 November 2006. Commentator.
- "The EU Emissions Trading Scheme: has there been an effect on abatement?", TranSust.Scan Workshop, Prague, Czech Republic, 29 January 2007. Presenter.
- "Climate Policy in Europe: state-of art and recent developments", Fifth Climate Policy Network (CPN) meeting, Mannheim, Germany, 8 March 2007. Presenter.
- "The Kyoto Protocol and Beyond. A focus on US International Climate Policy", The American Graduate School of IR and Diplomacy, Paris, France, 30 March 2007. Lecture.
- "Climate Change & Energy Efficiency: Course of Action", Visit to the OECD by the Krems

University of Applied Sciences, OECD Headquarters, Paris, France, 18 April 2007. Lecture.

- "The EU ETS: Over-allocation or Abatement?", Workshop on the "Evaluation of the EU ETS", Caisse des Dépôts, Paris, France, 19-20 April 2007. Presenter.
- "Programmatic CDM: a way to trigger energy efficiency investments?", Asia-Europe Environment Forum, Copenhagen, Denmark, 23 April 2007. Presenter.
- "Allocation in the EU ETS: Lessons, unifying themes and general principles", 9th IAEE European Energy Conference, Firenze, Italy, 11 June 2007. Presenter.
- "The Economic Aspects of Linking Trading Schemes", 4th meeting of the ECCP working group on emissions trading, European Commission, Brussels, Belgium, 14 June 2007. Presenter.
- "Energy Efficiency: From Barriers to Policy", Sustainable Energy Initiative (SEI) Donor Forum, European Bank for Reconstruction and Development, London, UK, 15 June 2007. Presenter.

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

GERMAN

OTHER LANGUAGES

ENGLISH

- Reading skills Excellent
- Writing skills Excellent
- Verbal skills Excellent

ITALIAN

- Reading skills Excellent
- Writing skills Good
- Verbal skills Excellent

FRENCH

- Reading skills Good
- Writing skills Good
- Verbal skills Good

Spanish

- Reading skills Basic
- Writing skills Basic
- Verbal skills Basic

COMPUTER SKILLS

Excellent knowledge of the operational system Windows and all applications for the MS Office package.

Basic knowledge of the modeling language GAMS (General Algebraic Modeling System).

Projects

Barbara Buchner is involved in the activities of IEA's *Energy Efficiency & Environment Division of the Long-Term Co-operation and Policy Analysis Unit*.

Current projects:

- Ex-post evaluation of the EU ETS, in collaboration with Mission Climat (MC) of the Caisse des Dépôts, Massachusetts Institute of Technology and University College Dublin
- The role of carbon finance to trigger energy efficiency investments (a particular focus on programmatic CDM)
- Sectoral approaches
- The analysis of key issues for the post-2012 climate policy design

Until 2006, Barbara Buchner was involved in the activities of FEEM's *Climate Change Policy and Modelling Unit*.

Past projects:

- Climate Policy Network

- Project "Lessons Learnt from the National Allocation of Allowances": an EC funded Contract to distil the lessons to be learnt from the EU ETS, the world's first experience with allocating carbon allowances to sub-national entities (in co-operation with the European Commission and the Massachusetts Institute of Technology).
- Project Eni Climate Change
- ECF (European Climate Forum)
- Italy-USA collaboration on Science and Technology of Climate Change
- MEACAP (Impact of Environmental Agreements on the Common Agricultural Policy (CAP)): an EC funded research project aimed at analyzing the impact of the UNFCCC and its Kyoto Protocol, and the UN aimed Convention on Biological Diversity and its Cartagena Protocol on Europe's agriculture sector and Europe's CAP.
- EFIEA (European Forum on Integrated Environmental Assessment): an EC funded Concerted Action aimed at improving the scientific quality of integrated environmental assessment and at strengthening the interaction between environmental science and policy
- TranSust (Modelling the Transition to Sustainable Economical Structures): an EC funded research project which aims at building a network of excellence that serves as a communication platform for researchers interested in modelling the transition to sustainable economic structures.
- EEP (Enforcing Environmental Policy): an EC funded European Research Training Network consisting of six European research teams in environmental law and economics which was aimed at enhancing the scientific knowledge of the functioning and effectiveness of various instruments of local and international climate change and air pollution policies and to promote the development and implementation of other instruments to complement or supplement legislation
- CLIMNEG: an EC funded research project which was aimed at the construction of analytical tools able to assess the possible optimal strategies for EU countries at the end of the Kyoto negotiation process
- CATEP (Concerted Action on Tradable Emission Permits): an EC funded Concerted Action on Emissions Trading aimed at providing a link between the work of the research community on the one hand, and the needs of the practitioners on the other, mobilising research on tradable emission permits and other related flexible mechanisms in order to provide the policy process at European level with the latest insights and findings.

Awards

PRO SCIENTIA (Austrian Foundation for Promoting Academic Excellence):
Scholarship for the academic years 1996/97 and 1997/98

European Summer School in Resource and Environmental Economics 2000, Venice