

-Panelist Biographies-



Jos Delbeke

European Union Commission

Director for “Climate Change and Air” of the European Commission’s Directorate-General for Environment

Brussels, Belgium

Dr. Jos Delbeke is Director for “Climate Change and Air” of the European Commission’s Directorate-General for Environment. In this capacity he oversees the implementation of the European Union’s Emission Trading Scheme and other clean air programs.

Delbeke holds a Ph.D. in economics and has taught at the University of Louvain and at VLEKHO Business School in Brussels. In 1985, he was a temporary staff member at the International Monetary Fund (IMF), Washington DC, and joined the European Commission in 1986. In the Directorate-General for Environment, he has been the Head of Department – responsible first for economic and fiscal instruments and cost-benefit analysis in the field of the environment and later for climate change. He has been the chief negotiator for the European Commission at the UN Framework Convention on Climate Change Conference of the Parties and is actively promoting the use of the Kyoto mechanisms at the EU level.



Per-Otto Wold

Point Carbon

Founding Partner and CEO

Oslo, Norway

Mr. Per-Otto Wold is a founding partner of Point Carbon. Point Carbon is a world-leading provider of independent news, analysis and consulting services for European and global power, gas and carbon markets. Prior to joining Point Carbon, Mr. Wold was the Managing Director of the London-based Natsource-Tullett Europe. Mr. Wold has more than 10 years experience in the energy and carbon business and has been fundamental to the growth and success of Point Carbon. He has extensive experience in market analysis, consulting and brokering, not only in Europe but also in North America and Asia. Mr. Wold is listed in Energy Risk’s Hall of Fame.

Mr. Wold holds an M.Sc from the Norwegian School of Business Administration.



Garth Edward

Shell Oil

Trading Manager - Environmental Products

London, England

Mr. Garth Edward is Shell's trading manager for environmental markets. Shell's environmental trading business has operations in London, Beijing, Tokyo and Houston and holds positions in more than 15 different environmental markets. In addition to managing the compliance position of Shell installations, Mr. Edward's business is a significant proprietary trading house adding liquidity across the spectrum of environmental markets.

Prior to joining Shell, Mr. Edward was a Principal at Natsource LLC setting up their Greenhouse Brokering business. And prior to that he was with the United Nations Environment Program.



Jean-Yves Caneill

Electricité de France

Project Manager, Sustainable Development Division

Paris, France

Dr. Jean-Yves Caneill joined the R&D Division of Electricité de France in 1980 to work on atmospheric modeling. In 1990 he launched the climate change activity division of research and development within the Environment Department and headed a project devoted to the impact of climate change on the company activities.

Dr. Caneill has also been responsible for the systematic survey of the climate change issue (science, policy, economics) for the corporate level of the company. Since December 2005, Dr. Caneill moved to the corporate level within the Sustainable Development Division to take the responsibility of the Climate Change policy issue. For ten years, he has been strongly involved in the European climate change debate and has participated in various working groups and research programs of the European Commission. Recently, he has been involved in the previous IPCC process (second and third assessment report), acting as a reviewer in Working Group I and Working Group III, and is presently acting as a reviewer of the ongoing fourth assessment report.

Dr. Caneill received a degree in engineering at the Ecole Nationale Supérieure des Techniques Avancées and a Ph.D. in mathematical geophysical modelling at Paris VI.



Bruno Vanderborght
Holcim Cement
Vice President of Climate Protection
Zurich, Switzerland

Dr. Bruno Vanderborght joined Holcim, a leading global cement group based in Switzerland, in 1999 as Vice-President of Environmental Strategy.

Dr. Vanderborght and Holcim are strong advocates of market instruments for achieving environmental objectives effectively. With this objective, he co-chairs several industry working groups on climate change, such as the CO₂ Cement Sustainability Initiative of the World Business Council for Sustainable Development (WBCSD). Under his leadership, the cement industry has developed proactive voluntary initiatives for climate protection, notably: the development of the WBCSD / WRI Cement CO₂ protocol, which is now used throughout the cement industry worldwide as the corporate CO₂ reporting standard. He now co-chairs a project “Getting the Numbers Right” that aims at the development of a database on CO₂ and energy performance for the global cement industry, which will enable developing global and regional benchmarks.

Dr. Vanderborght is a Doctor of Chemistry and holds a postgraduate degree in business economics.



Denny Ellerman
Massachusetts Institute of Technology
Senior Lecturer, Sloan School of Management
Cambridge, Massachusetts

Dr. Denny Ellerman is Senior Lecturer with the Sloan School of Management at the Massachusetts Institute of Technology (MIT) and the former Executive Director of Center for Energy and Environmental Policy Research and the Joint Program on the Science and Policy of Global Change. Before coming to MIT, Dr. Ellerman worked in the U.S. government, a trade association, and in consulting as an energy economist. His research interests focus on emissions trading, climate change policy, and the economics of fuel choice, especially concerning coal and natural gas. He is co-author of two books on emissions trading systems, *Markets for Clean Air: The U.S. Acid Rain Program* and *Allocation in the European Emissions Trading Scheme: Rights, Rents, and Fairness*, and of numerous articles on various aspects of emissions trading.

Dr. Ellerman received his undergraduate education at Princeton University and he earned a Ph.D. in Political Economy and Government from Harvard University.