

## PLENARY SPEAKERS AND MODERATORS



**H.E. Dilma Rousseff**  
**Minister of Mines and Energy, Brazil**

**Dilma Vana Rousseff** graduated in economics (Federal University of Rio Grande do Sul, 1977), took her Masters degree in Economic Theory (University of Campinas, Sao Paulo, 1979) and is currently taking a Doctorate Degree in Monetary and Financial Economy (University of Campinas, São Paulo). Mrs. Rousseff was Secretary of Finance of the city of Porto Alegre (1986-1988), President of the Economy and Statistics Foundation of the State of Rio Grande do Sul (1991-1993), Secretary of Energy, Mines and Communications of the State of Rio Grande do Sul (1993-1994/1999-2002) and a member of the Transition Team instituted by the previous Government to facilitate the handover of power to the present Government.

**Dr. Daniel Yergin, Chairman, Cambridge Energy Research Associates**  
**Keynote Speaker**



**Dr. Yergin** plays a leadership role in the global energy industry. He is a member of the US Secretary of Energy's Advisory Board and chaired the US Department of Energy's Task Force on Strategic Energy Research and Development. He is a member of the Board of the United States Energy Association, the National Petroleum Council, and the "Wise Men" for the International Gas Union. He is a Pulitzer Prize winner for *The Prize: The Epic Quest for Oil, Money and Power* and recipient of the United States Energy Award. Dr. Yergin is a Trustee of the Brookings Institution, a Director of the US-Russian Business Council, the Atlantic Partnership, and the New America Foundation. Dr. Yergin received his BA from Yale University, and his Ph.D. from Cambridge University, where he was a Marshall Scholar. He previously taught at the Harvard Business School and the Kennedy School of Government at Harvard. Dr. Yergin co-founded Cambridge Energy Research Associates, now part of the IHS Inc. Its offices are in Cambridge, Massachusetts; Washington, D.C.; Oakland, California; Paris; Oslo; Moscow; São Paulo; Mexico City; Calgary; and Beijing.



**Kathy Sierra** is Vice President and Head of Network for Infrastructure at the World Bank. In this capacity, she maintains overall responsibility for the Bank's Energy, Water, Transport and Urban sectors, as well as Infrastructure Economics and Finance. She also manages, jointly with the IFC, global product groups for Information and Technology, and for Oil, Gas, Chemicals and Mining. Ms. Sierra chairs a number of international consultative groups: Cities Alliance, which promotes urban development and slum upgrading; the Energy Sector Management Assistance Programme (ESMAP); the Water and Sanitation Program (WSP); InfoDev, which promotes information and communication technologies for social and economic development; and the Public-Private Infrastructure Advisory Facility (PPIAF), which promotes private participation in infrastructure. Ms. Sierra joined the World Bank in 1978 and worked as a transport and environment economist and project officer in infrastructure development and country operations in Latin America and China. As Vice President of the Bank's Operational Core Services in 1999 she was responsible for the Bank's operational business policies, processes and systems. Between 2000 and 2004, she was Vice President for Human Resources, responsible for overseeing personnel policies affecting more than 8,700 staff members. Ms. Sierra holds a Masters in Urban and Regional planning from Harvard University, and a BA in Anthropology and Hispanic Civilization from the University of California.



**Jamal Saghir** is the Director of Energy and Water in the Infrastructure Vice Presidency (INFVP) and Chair of the Energy and Mining Sector Board and Water and Sanitation Sector Board at the World Bank. In this position he manages the network functions for the Energy and Water sectors Bank-wide. Mr. Saghir, a citizen of Canada and Lebanon, joined the World Bank in 1990. Prior to his present appointment he has held a variety of managerial positions and has worked on diverse private sector development, privatization and restructuring projects in countries in Africa, Latin America, and in the Middle East and North Africa. Prior to joining the World Bank, Mr. Saghir served as resident advisor to the Prime Ministry in Tunisia on privatization and restructuring of state-owned enterprises (1988-1990). From 1985 to 1988, Mr. Saghir held the positions of Economic Adviser and Chief of Staff to the Associate Minister of Finance and Privatization in the Government of Québec in Canada.



**John P. Holdren** is the Teresa and John Heinz Professor of Environmental Policy and Director of the Program on Science, Technology, and Public Policy at the Kennedy School, as well as Professor of Environmental Science and Public Policy in the Department of Earth and Planetary Sciences at Harvard University. Trained in aeronautics/astronautics and plasma physics at MIT and Stanford, he previously co-founded and co-led for 23 years the campus-wide interdisciplinary graduate degree program in Energy and Resources at the University of California at Berkeley. He is Chair of the Committee on International Security and Arms Control of the National Academy of Sciences (US). From June 1, 2005 he will assume the Directorship of the Woods Hole Research Center. The Center conducts research, policy analysis, and education on the roles of the world's soils and vegetation in ecosystem function, global climatic change, and sustainable livelihoods for the earth's human population. He is Co-Chair of the National Commission on Energy Policy (US). The Commission's report was released in December 2004. (Read the full report, [Ending the Energy Stalemate.](#))



**Shimon Awerbuch** is a Senior Fellow SPRU, at the University of Sussex (UK), and a Visiting Fellow at the UK's Tyndall Centre for Climate Change Research. A financial economist, he specializes in energy, utility regulation, and the economics of innovation and new technology. Before joining SPRU, he served as Senior Advisor for Energy Economics, Finance and Technology with the International Energy Agency in Paris. His current research and consulting focuses on portfolio approaches for enhancing energy security and for valuing renewables. He has extensive experience in electric utility restructuring and transmission pricing/organization, as well as valuation and cost measurement for renewables and energy efficiency. He has worked with utilities in the area of cost measurement for new process technology investments and has advised energy ministries in Europe, Asia, Latin America and the US. Dr. Awerbuch has testified before FERC and various state regulatory bodies in the US. He is Series Editor, Elsevier Topics in Global Energy Economics, Regulation and Policy and co-author of *Unlocking the Benefits of Restructuring: A Blueprint for Transmission and The Virtual Utility: Accounting, Technology and Competitive Aspects of the Emerging Industry.*

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**Jean Marie Chevalier** is Professor of Economics at the University of Paris-Dauphine, Director of the Centre de Géopolitique de l'Energie et des Matières Premières. He is also a Director at Cambridge Energy Research Associates (CERA, Paris office). He has worked, as an Economist, for Total as well as the Energy Department of the World Bank. He has published numerous books and articles on energy economics and industrial organization : *Le Nouvel Enjeu Pétrolier* (1973), *Economie de l'énergie* (1986), *Economie industrielle des stratégies d'entreprises* (2001), *Les grandes batailles de l'énergie* (2004), *European Energy Policy: Striving to Balance Market Forces and Political Incentives*, *The European Gas and Power Industry Toward Maturity? In Search of Stabilization* (CERA 2004). Jean-Marie Chevalier graduated from the Institut d'Etudes Politiques de Paris and holds a PhD in Economics from the University Pantheon-Sorbonne.



**Yvo de Boer** has been Director for International Environmental Affairs since October 1999 and Deputy Director-General for Environmental Protection since January 2002 in the Netherlands Ministry of Housing, Spatial Planning and the Environment.



**Anton Eberhard** is a Professor at the Graduate School of Business at the University of Cape Town (South Africa). He teaches executive courses in the management of reform and regulation of infrastructure industries in Africa as well as a Masters program in Energy Markets and Governance. His main focus is on the restructuring of the electricity supply industry and the creation of new electricity markets and regulatory frameworks to advance economic, social and environmental objectives. He serves on the Board of the National Electricity Regulator of South Africa. Previously, he founded and directed the Energy and Development Research Centre at the University of Cape Town between 1989 and 1999, which also included work on renewable energy and energy efficiency.



**Mark Finley** is BP's senior US economist, based in Washington DC. He serves as the Chief Economist's "eyes and ears" in the US, analyzing the US economy as well as domestic oil and natural gas markets and downstream/refining issues. He also covers OPEC issues and contributes to analyses of global economic and energy matters performed by BP's London-based economics team. Prior to joining BP, Mr. Finley served for 13 years as an energy economist and Middle East analyst for the US government. Prior to that, he developed trading programs and hedging strategies for Transworld Oil, a Bermuda-based trading company. He is a Phi Beta Kappa graduate of the University of Michigan (BA in economics), and holds graduate degrees from Northwestern University (MA in economics) and the George Washington University (MS in Finance).



**Steven Ferrey** is Professor of Law at the Suffolk University School of Law (UK) and Professor of Law (adjunct) at Boston University Law School (US). In 2003, he was Visiting Professor of Law at Harvard Law School. He is the author of five books on energy and environmental law and policy, including *The Law of Independent Power*, a 3-volume treatise on energy issues now in its 22nd edition. He also has authored more than 70 articles in law reviews and policy journals on energy and environmental topics, including, in 2004, four law review articles dealing with renewable portfolio standards, net metering, the California electric energy debacle, and whether electricity is a good or a service (and why it matters legally). He has worked on World Bank and U.N. projects dealing with renewable electric energy Asia and iAfrica over the past dozen years, and completed a comparative analysis of what works best in Asian renewable small power program design. In the US, he has represented several major players in the deregulating energy marketplace. He holds a BA in Economics from Pomona College (US), a Master's degree and Law degree from the University of California at Berkeley, and was a Fulbright Scholar dealing with issues of energy infrastructure redesign and redevelopment in London. He has served on a variety of governmental energy advisory boards, and has co-authored a new book due in spring 2005 on the role of small renewable power in developing nations.



**Ian Gary** is Strategic Issues Advisor – Extractive Industries for Catholic Relief Services (CRS). CRS is the official international relief and development agency of the US Catholic community, with 99 field offices around the world and an annual budget of \$500 million. Mr. Gary is the lead staff person for the CRS Extractive Industries in Africa Initiative, a research and advocacy program. CRS supports church and local civil society projects addressing extractive industries in Nigeria, Chad, Cameroon, Congo-Brazzaville, Angola and Sierra Leone. The growing global portfolio of CRS supported projects addressing extractive industries now includes Perú and Azerbaijan. He is co-author, with Terry Lynn Karl of Stanford University, of the CRS report *Bottom of the Barrel: Africa's Oil Boom and the Poor*, released in June 2003. In February 2005, CRS and the Bank Information Center issued a follow-up report, *Chad's Oil: Miracle or Mirage?* Mr Gary was a member of the African Energy Task Force at the Center for Strategic and International Studies (CSIS). He has conducted field research on oil-related issues in Nigeria, Chad, Cameroon, Congo-Brazzaville and Angola. He holds an MA degree from the University of Leeds in the Politics of International Resources and Development.



**Robert Hart** is President and Chief Executive Officer of Globeleq. Mr. Hart has thirty years of experience in the energy sector, much of which has been devoted to investing in, developing, and operating power projects in emerging markets. Prior to joining Globeleq, he founded Hart Energy International, an international power company that invested in the Dominican Republic, Perú, Chile, and Argentina. From 1994 to 1999, Mr. Hart was President and CEO of Coastal Power Company, where he oversaw a ten-fold increase in earnings, most of which resulted from investments in emerging markets. Mr. Hart holds an AB degree, *magna cum laude*, from Harvard University.





**Alan J. Krupnick** is Senior Fellow and the Director for Quality of the Environment at Resources for the Future. Dr. Krupnick's research focuses on analyzing environmental issues, in particular, the benefits, costs, and design of air pollution policies, both in the United States and in developing countries. His research also addresses the valuation of health and ecological improvements and, more recently, the ancillary benefits of climate policy, urban transportation and development problems. Dr. Krupnick has served as a consultant to state governments, federal agencies, private corporations, the Canadian Government, the European Union, the World Health Organization, and the World Bank. He co-chaired an advisory committee that counselled the U.S. Environmental Protection Agency on new ozone and particulate standards. He has also served as Senior Economist on the US President's Council of Economic Advisers, advising the Clinton Administration on environmental and natural resource policy issues.



**Dorin Mucea** is the Head of the Office of State Ownership and Privatization in Industry in Romania. Between 2001 and 2004 he has been Senior Advisor for Privatization of the Minister of Economy and Commerce, heading the preparation and implementation of Romania's energy strategy. He has extensive experience in negotiating major privatizations in the Romanian energy sector, such as the largest oil company PETROM and gas distribution companies. In his senior government position, Mr. Mucea played a key role in the cooperation between Turkey and other Black Sea countries, also using his regional expertise gained as Commercial Counselor of the Romanian Embassy in Ankara between 1988 and 1992.

**Roberto Simon** is Managing Director, Project Finance, Societe Generale US. Mr. Simon joined Société Générale in 1997. He heads up SG's Project Finance team for Latin America. Prior to Société Générale, Mr. Simon was Vice President in the Global Power Group of the Chase Manhattan Bank in New York. Mr. Simon has focused on the energy sectors, and has participated in several important project finance and privatization transactions in the Americas. Mr. Simon holds an MBA from University of Chicago, and a B.S. from the University of Maryland.



**Richard Stern** is currently working as an independent consultant on several assignments in Southern Africa, principally related to public/private partnerships in infrastructure development, small and medium enterprise development, and Black empowerment. He is also actively involved in developing several investment opportunities, including a theme park in China, seawater desalination and E-Government. Between 1970 and 2000, he worked for the World Bank. Assignments included Country Economist in East Africa, Chief of the Indonesia Division, Chief of the Telecommunications Division, and Chief of the Industry, Energy and Finance Division and Manager ESMAP. In 1992 he was appointed Director of the Energy, Industry, Telecommunications and Mining Department. In 1997, he assumed the position of Vice President for Human Resources.

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**Alex Sundakov** is Executive Director of Castalia, an international consultancy with a strong focus on energy markets. Mr. Sundakov has advised on energy market regulations and public-private partnerships in both developed and developing countries. His current work includes leading a team developing an innovative form of joint industry-government co-regulation of the gas sector in New Zealand, as well as transaction and regulatory advice involving private investors in rural electricity supply in the Philippines. He recently advised the joint World Bank/ADB/JBIC East Asia and Pacific Infrastructure Flagship Study on improving accountability and reducing corruption in the provision of infrastructure. Prior to joining Castalia, Mr. Sundakov headed the New Zealand Institute of Economic Research, the country's leading think-tank on structural and regulatory issues. From 1992 to 1997 he worked at the IMF, including a stint as an IMF Resident Representative in Ukraine. He worked in the New Zealand Treasury during New Zealand's period of significant economic reforms in the 1980s.



**Robert T. Watson** is Chief Scientist and Senior Adviser at the World Bank.