

Fiscal Instruments for Emissions Reductions: A Dialogue on International Experiences

Speaker Information

Juan Carlos BELAUSTEGUIGOITIA

Mexico Autonomous Institute of Technology (ITAM) Sustainable Development Expert

Juan Carlos Belausteguigoitia got his bachelor's degree in Economics from ITAM and his Ph.D. in Economics from the University of Essex. He was Professor at ITAM from 1985 to 1991. Apart from ITAM he has also taught at Queen Mary College of the University of London, Dartmouth College and at the Goldman School of Public Policy of the University of California at Berkeley.

His positions in the public sector include: General Director for Economic and Social Analysis at the Department of Social Development (SEDESOL) and Under-Secretary for Planning at the Environment and Natural Resource Department (SEMARNAP).

His positions in international organizations include: Coordinator for the Southern Hemisphere of the Global International Waters Assessment and Lead Environmental Economist at the World Bank.

Before returning to ITAM, he was the Executive Director of the Centro Mario Molina in Mexico City.



Eduardo CAMERO GODINEZ

Mexican Ministry for Finance and Public Credit (SHCP) Chief of the Non-Tax Revenue Policy Unit

Mr. Camero has over 16 years of experience in the analysis and design of public policies, particularly in the macroeconomic analysis and energy sector. The Finance and Public Credit Ministry, Mr. Camero designed the newest fiscal framework for the hydrocarbons exploration and extraction agreements originated from the Energy Reform, including the new rights regime of PEMEX. He was also in charge of designing the Mexican Petroleum Fund for Stabilization and Development. In the Energy Department, he was responsible for the design and implementation of policy and regulation of the activities of exploration and extraction carried out by PEMEX. He also was in charge of negotiating the bilateral agreement to regulate the exploitation of hydrocarbon deposits border with the United States, ratified by the legislatures of both countries. Previously, he served as Economist for Spain and Switzerland in the Economic Co-operation and Development Organisation and Bank of Mexico. He was a summer researcher at the Bank of Mexico and the Inter-American Development Bank. He studied Economics at the Autonomous Technological Institute of Mexico and the University of Chicago, where he specialized in public finance and macroeconomics. He serves on the Board of Directors of PEMEX Exploration and Production, PEMEX Refining, PEMEX Gas and Basic Petrochemicals and PEMEX Petrochemicals



Martina Klumpp

Embassy of the Federal Republic of Germany in Mexico City Director of Economic and Global Affairs

Mrs. Klumpp is the Director of Economic and Global Affairs at the Embassy of the Federal Republic of Germany in Mexico City. She leads the largest department at the German Embassy in Mexico City, covering Economy, Cooperation for Development, and Agricultural and Scientific Affairs.

She graduated from the University of Tübingen and the University of San Diego in Economics and Latin American Studies in 1988. Later on she entered the German Ministry of Foreign Affairs. From 1991 to 1992 she had the position of desk officer for the Secretary of State. She was the desk officer for Economy and Cooperation at the German Embassy in Mexico City from 1992 to 1995. After this she was assigned Head of the Press Department at the German Embassy in Madrid. In 2004 she became Head of the Press and Public Relations Department at the German representation in Mexico City. She performed as Deputy Director of Economic Promotion in Berlin between 2009 and 2013.



Rodolfo LACY TAMAYO,

Mexican Ministry for the Environment and Natural Resources (SEMARNAT)

Undersecretary

Rodolfo Lacy graduated as an Environmental Engineer from the UAM, has got a Master degree in Urban Studies and Planning from the Massachusetts Institute of Technology and a PhD in Environmental Sciences at the UAM. He currently holds the position of Undersecretary of Planning and Environmental Policy at the Mexican Ministry for the Environment and Natural Resources (SEMARNAT). His career spans over 30 years, during which he has served as a public official, at federal and local level, as a consultant and teacher. Some of his positions have been: Founding president of the Environmental Engineers College of Mexico (CINAM), where he held the position of President and Executive Director of Special Projects, and where he currently is Chairman of Honor. He has published articles in international journals, in different specialized blogs as well as the College of Mexico and the Massachusetts Institute of Technology. He has given keynote speeches in national and international forums on environment, sustainable development, climate change, green growth, and air and water pollution.



Jennifer MARTIN

Center for Resource Solutions (CRS)

Executive Director

Jennifer Martin is the executive director of Center for Resource Solutions, where she brings over two decades of NGO and private-sector experience in renewable energy, energy efficiency, distributed generation, electricity markets and technology development, and electricity sector and climate change policy and regulation. She is a member of the WREGIS Stakeholder Advisory Committee, a member of the State-Federal RPS Collaborative Advisory Group, serves on the Revolv Board of Directors, and she served as technical chairperson of the WREGIS Operational Rules Committee. She is a frequent public speaker and the author of numerous reports and papers addressing renewable energy and utility policy and technology assessment, resource planning, and environmental impacts. She earned her degrees from Pomona College and Duke University.



Claudia OCTAVIANO

National Institute of Ecology (INECC) General Coordinator

Dr. Claudia Octaviano is General Coordinator for Climate Change and Low-Carbon Development at the National Institute of Ecology and Climate Change of the Federal Government of Mexico. Under this position, she overviews policy for research, development and deployment of low-carbon technology pathways for Mexico. Prior to this appointment, she was a researcher at the Massachusetts Institute of Technology (MIT) Joint Program on the Science and Policy of Global Change where she researched on the economics of large-scale integration of renewable energy. She has also worked on the design of environmental regulations for the electricity and oil sectors, as former Deputy Director for Oil Refining and Electricity at the Ministry of Environment and Natural Resources of Mexico. In this position, she worked on the analysis of emissions standards and programs to reduce air pollution, including the evaluation of emissions trading schemes for SO₂ in Mexico. She has also consulted for the World Bank and the UN on energy policy in Latin America. She holds a PhD in Engineering Systems: Technology, Management and Policy from the MIT and a Masters in Environmental Science from Yale University. She has been awarded several academic awards including the Fulbright scholarship, the Molina fellowship and the Scholarship of the National Council for Science and Technology of Mexico.

Ian PARRY

International Monetary Fund Principal Environmental Fiscal Policy Expert

Ian is the Principal Environmental Fiscal Policy Expert in the Fiscal Affairs Department of the IMF. Prior to joining the IMF in 2010, Parry held the Allen V. Kneese Chair in Environmental Economics at Resources for the Future. He has a PhD in economics from the University of Chicago.

Parry's research focuses on analytical and spreadsheet models to quantify for different countries the economic impacts and efficient levels of a wide range of environmental, energy, and transportation policies. His work emphasizes the critical role of fiscal instruments to address externalities and raise revenue. Parry has published numerous papers in professional journals. His recent (co-authored or co-edited) books include *Fiscal Policy to Mitigate Climate Change: A Guide for Policymakers*; *Issues of the Day: 100 Commentaries on Environmental, Energy, Transportation, and Public Health Policy*; *Getting Energy Prices Right: From Principle to Practice*; and *Implementing a US Carbon Tax: Challenges and Debates*.

Kai SCHLEGELMICH

Green Budget Germany Founder and Vice President

Kai Schlegelmilch is an expert on Environmental Fiscal Reforms. After his diploma in political economics in 1993, he has worked for more than 22 years in various institutions, focussing on energy and climate policies, particularly fiscal incentives. He has worked for the Wuppertal Institute for Climate, Environment and Energy, the European Environment Agency, the Parliamentarian Prof. Ernst Ulrich von Weizsäcker and in the German Parliament before he joined the German Federal Ministry for the Environment, Nature Protection and Nuclear Safety in 1999. There he worked on environmental tax/fiscal reform (EFR) and other energy and climate policies. Then he contributed to the German EU Presidency in 2007. Afterwards he became deputy head of the division on hydropower, wind energy and grid integration of renewable energies. In 2012, he was seconded to the German Environmental Protection Agency, in 2013/14 to the regional Environment Ministry in North-Rhine-Westphalia and since mid-2014 is back in the Federal Environment Ministry, but now in Bonn and dealing with marine nature conservation. He advised and trained several Asian Governments on EFR and led several European projects on developing countries. He is Founder and Vice Chair of the Advisory Committee of Green Budget Europe and Founder and Vice President of Green Budget Germany (www.foes.de; www.green-budget.eu).



Jesús SERRANO LANDEROS

Comisión Reguladora de Energía (CRE) Comisionado

He is a Mechanical & Electrical Engineer by the National Autonomous University of Mexico; Master in Business and Administration from the Center for Advanced Studies in Management; Master in Economics from The College of Mexico and the Master in International and Development Economics from Yale University. He studied a PhD in Economics from Boston University.

Jesus was appointed by the Senate as a Commissioner for the Energy Regulatory Commission on September 18th, 2014, for a period ending in December 2018.

In his career he worked as Resident and Project Engineer at Luz y Fuerza del Centro, from 1988 to 1992; Assistant Director of Financial Institutions Supervision in the National Banking and Securities Commission from 2001 to 2002; Director of Economic Policy, from 2002 to 2006, and Deputy General Director of Public Policy Analysis, from 2007 to 2010, in the Economic Planning Unit of the Ministry of Finance; General Director of Heavy and High Technology Industries in the Ministry of Economy, from 2010 to 2013; Manager of Analysis of Public Finance at the Bank of Mexico, from 2013 to March 2014. Prior to his appointment as Commissioner, he worked as General Director of Generation, Transmission and Transformation of Electric Power in the Ministry of Energy.

In academia, he has taught subjects like Mechanics of Materials, Mechanics and Economic Assessment Techniques in the National Autonomous University of Mexico (UNAM), ENEP Aragon; Advanced Mathematics for Economics at UNAM and Introductory Macroeconomic Analysis and Banking and Financial Institutions at Boston University.

In addition, the Commissioner Serrano has taught in different subjects of Macro and Microeconomics, and Industrial Organization at El Colegio de Mexico and The Monterrey Institute of Technology.

Currently he is member of the board of the OECD's Network of Energy Regulator and president of the National Consultative Committee of Standardization of Hydrocarbons, Oil Refined Products and Petrochemicals.



Mariana SILVA

Carbon Trust Consultant

Mariana is a consultant at Carbon Trust in Mexico City. Her experiences focuses in low-carbon, environmentally sustainable business models, strategies and polices to drive energy efficiency, operational optimization and innovation. She holds a degree in Chemical Engineering from the Universidad Iberoamericana and has completed a MSc in Process, Energy and Environmental Systems Engineering at the Technische Universität Berlin.

Mariana has worked before for the Swiss Agency for Efficient Energy Use (S.A.F.E.), WWF Switzerland, Bacardi Ltd, ENTE consulting and Siemens.

Nowadays she leads the Program Low Carbon States in Mexico and a range of other initiatives with strong focus on carbon footprint and energy efficiency in the country.



Mikael SKOU ANDERSEN

Aarhus University PROF. Mikael Skou ANDERSEN, cand. scient. pol., Ph.D.

Professor Mikael Skou Andersen of Aarhus University is a Danish academic in the field of comparative environmental politics and economics. Mikael Skou Andersen has over the past 20 years conducted a wide range of research projects addressing environmentally related topics within all the relevant subsectors, including air pollution, waste management, heavy metals, nitrate leaching, drinking water supply, waste water management and climate policy. Mikael Skou Andersen has been a member of the Danish government's advisory committee on CO2 taxation, and has been an advisor on environmental taxation issues more generally to OECD Directorates and the European Commission. He contributed to the China Council for International Cooperation and Development, CCICED, task-force on economic instruments for energy efficiency prior to COP15.



Kurt van DENDER

**Organization for Economic Cooperation and
Development, OECD**

**Senior Tax Economist, Head of Unit;
Centre for Tax Policy and Administration**



Kurt Van Dender leads the Tax and Environment Unit, housed in the Tax Policy and Statistics Division of the OECD's Centre for Tax Policy and Administration, since 2013. Before taking up that role, he was Chief Economist at the International Transport Forum and Assistant and Associate Professor of Economics at the University of California at Irvine. He also worked as a researcher at the University of Leuven (Belgium), where he obtained his Ph.D. with a dissertation on the economics of road pricing.

Kurt's work focusses on the analysis of policies to alleviate negative side effects from energy use and from transportation activity. Tax instruments are a particular topic of interest. His work is published in leading academic journals, he is the lead author of several reports published by the International Transport Forum, and a co-author of OECD work on the taxation of energy use and on carbon pricing. He is a frequent speaker at research and policy conferences and meetings, and has organised or co-organised several such events.