

# Latin America Clean Transport Forum



Thursday, September 22, 2016

7:45am – 1:00pm

Hotel Estelar Windsor House

Calle 95 No. 9-97

Bogotá, Colombia

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## Speakers & Moderators

### Luis Gilberto Murillo

#### Minister of Environment and Sustainable Development

Luis Gilberto Murillo is the Minister of Environment and Sustainable Development of Colombia. He has a long history of public sector service as the Governor of Chocó and the director of the Chocó's Regional Autonomous Corporation for Sustainable Development (Codechocó). Minister Murillo has been a consultant for the Inter-American Development Bank, the United Nations Development Program and USAID. He has also served as manager of the Colombian government's "Pacific Plan".

### Marine Gorner

#### Transport Specialist and Co-Author of *Global EV Outlook 2016*, International Energy Agency (IEA)

Marine Gorner is a transport specialist at the International Energy Agency in Paris where she focuses on data and policy analysis for efficient transport systems. She is also the co-author of the *Global EV Outlook 2016*, which introduces the latest technology, market, and policy trends in the electric vehicle field. She works closely on the development of the IEA Mobility Model, the source of transport-related data and projections for the Energy Technology Perspectives annual publication, as well as many other reports by the IEA. She works closely with member countries of the Electric Vehicles Initiative, a platform under the Clean Energy Ministerial providing data and knowledge-sharing with the objective of implementing effective policies to promote electric vehicles. Gorner is an engineer and holds an MSc in sustainable energy from Imperial College London.

### Dan Bowermaster

#### Program Manager, Electric Transportation, Electric Power Research Institute (EPRI)

Dan Bowermaster is the program manager for electric transportation at the Electric Power Research Institute (EPRI), an independent non-profit center for public interest energy and environmental research. His primary activities focus on managing a portfolio of on-road and non-road electric transportation research including plug-in vehicle technology analysis, electric vehicle infrastructure, non-road electrification, a nationwide deployment project for light and medium-duty plug-in hybrid vehicles and related electric infrastructure research, plug-in electric vehicle driver behavior changing projects, analysis of electric and natural gas options for fleet support, and plug-in electric vehicle readiness for utility customers. Prior to joining EPRI in 2011, Bowermaster worked at Pacific Gas & Electric Company where he led PG&E's Electric and Natural Gas Vehicles, On-bill Financing, and Emerging Technologies teams. Bowermaster completed the Wharton-Lauder dual graduate degree program, earning a master's in business administration and a master's in international studies from the University of Pennsylvania. In addition, he holds bachelor's degrees in mechanical engineering and in international relations from the University of California, Davis.

## **Glenn Schmidt**

### **Vice President, Government & External Affairs, Americas, BMW Group**

Glenn Schmidt is vice president of government and external affairs for the Americas at BMW Group. Until recently, he was responsible for global government affairs steering from Munich, where he coordinated corporate positioning concerning global automotive legislative issues as well as political communication. Previously, he was responsible for coordinating BMW's e-mobility field trial activities worldwide. These trials played a pivotal role in moving the BMW Group's sustainable mobility strategy. Prior to joining BMW, Schmidt was a project manager specialized in the automotive industry with Horváth and Partners Management Consultants. He holds a Master of Business Administration (MBA) degree from Krannert School of Management, Purdue University in West Lafayette, USA. Schmidt is originally from Vancouver, Canada, where he completed his undergraduate studies.

## **Lisa Viscidi**

### **Director, Energy, Climate Change and Extractive Industries Program, Inter-American Dialogue**

Lisa Viscidi is the director of the Energy, Climate Change, and Extractive Industries Program at the Inter-American Dialogue. A specialist in Latin American energy, Viscidi has written numerous reports and articles on energy policy and regulations, oil and gas markets, climate change, social and environmental impacts of natural resources development, and the geopolitics of energy. Her articles have been published in the *Financial Times*, *Foreign Policy*, the *Miami Herald*, *Houston Chronicle*, the *Harvard Review of Latin America* and *Foreign Affairs*. Previously, she was New York bureau chief and Latin America team leader for Energy Intelligence Group and a manager for Deloitte's energy practice. She has also served as director of EntreMundos, a nonprofit organization based in Quetzaltenango, Guatemala. Viscidi conducted her undergraduate work in history at the George Washington University and the University of Barcelona and completed a master's degree in Latin American studies with a focus on economic development and public policy from New York University.

## **Manuel Olivera**

### **Regional Director for Latin America, C40 Cities Climate Leadership Group**

Manuel Olivera serves as the regional director for Latin American cities at C40, after having served six years as the city director in Bogota. In this position Olivera has supported several projects aimed at reducing greenhouse emissions including methane capture at landfills; traffic light LED retrofitting; diesel fuel quality improvement; and the implementation of the Hybrid Electric Bus Test Programme in Latin America. Olivera has more than 30 years of professional experience at both national and international levels leading multidisciplinary groups, assessing high level decision making, and ensuring programmatic success across several environmental fields. Olivera has worked as a consultant for the Inter-American Development Bank, the World Bank, United Nations Development Project, World Wildlife Foundation, private companies, as well as Latin American governments. Manuel has a master's degree in resource assessment for development planning from the University of East Anglia in Norwich, and pursued doctoral studies in development socioeconomics at the School for Advanced Studies in the Social Sciences in Paris.

## **Edder Velandia Durán**

### **Professor and Researcher, Universidad de La Salle**

Edder Velandia Durán is a professor and researcher in the Department of Engineering at the Universidad de la Salle. He also works as an advisor to Enel Group in Colombia on electric transportation and sustainable transportation, and as a consultant to the Economic Commission for Latin America and the Caribbean (ECLAC) on projects related to energy efficiency and transportation innovation. From 2010 to 2014, Velandia was the director of the Research Center on Sustainable Development and Climate Change (CIDESCAC). Velandia was awarded the Enrique Morales National Prize for Excellence in Engineering in 2010 by the Colombian Society of Engineers. He has also worked as a researcher on the UPB-CIDET-Coldencias-Codensa, joint project titled, "The Electrification of Bus Rapid Transit (BRT) and the Great Opportunity for Electricity Distributors", which won the 2009 ASOCODIS award. Velandia is the author and coauthor of many books, articles and presentations related to sustainable urban planning, electric transportation and use of water resources including, "Electric Energy: Alternative Energy for Sustainable Urban Transportation in Colombia". Velandia has a degree in civil engineering from the Universidad Francisco de Paula Santander in Cúcuta. He also holds master's degrees in civil engineering and industrial engineering from the Universidad de Los Andes.

## **David Felipe Acosta**

### **General Manager, Codensa**

David Felipe Acosta is the general manager of Codensa, which distributes and sells electricity in Bogotá and in various municipalities in Cundinamarca and Sabana. His primary role is to guide CODENSA S.A. ESP's work and maintain and improve the company's quality standards. Acosta joined Grupo Endesa in 2001 as CODENSA's regulations manager, and went on to serve as the company's commercial manager. From 2009 to 2011, Acosta led Grupo Endesa's business consolidation process for the Empresa de Energía de Cundinamarca. From 1991 to 2001 he held various positions at Empresas Públicas de Medellín S.A. ESP including: project and design engineer, teletraffic engineer, TELCO planning specialist, TELCO new businesses specialist, deputy manager of administration and commercial financing and deputy manager of regulation and finance. From 1988 to 1991, Acosta worked for Colombia's Grupo Filial Francés CGCT as a design engineer. He holds a degree in electrical engineering from the Universidad Pontificia Bolivariana. He also holds a diploma in finance from the Escuela de Administración, Finanzas y Tecnología (EAFIT), a diploma in project evaluation from the Universidad de Antioquia and a specialization in business from the Universidad Pontificia Bolivariana. Acosta also received an MBA from the Universidad de Los Andes.

## **Ángela Cadena Monroy**

### **Professor, Electrical Engineering Department, Universidad de los Andes; Former Director, Mining and Energy Planning Unit (UPME)**

Ángela Inés Cadena Monroy is an associate professor in the Department of Electrical and Electronic Engineering at the Universidad de los Andes. She was named general director of Colombia's Mining and Energy Planning Unit (UPME) in August 2012 by President Juan Manuel Santos. Cadena Monroy has more than 10 years of experience in academia. She also served as director of Colombia's Mining and Energy Planning Unit from 1998-1999 and as deputy director of energy resources from 1996-1997. Throughout her career, Cadena Monroy has dedicated herself to teaching and research in the Universidad de los Andes' Electrical Engineering Department, where she has coordinated projects in conjunction with the Inter-American Development Bank on topics like regulation and financing for infrastructure projects. Additionally, she has led studies about future energy scenarios for Colombia, and methods to reduce greenhouse gas emissions from energy systems and from the Colombian economy more generally. Cadena Monroy holds undergraduate and master's degrees in electrical engineering from the Universidad de los Andes. She also holds a doctorate in economic and social sciences from the University of Geneva in Switzerland.

## **Carlos García Botero**

### **Deputy Director of Demand, Energy and Mining Planning Unit (UPME)**

Carlos García Botero is the deputy director of demand in Colombia's Energy and Mining Planning Unit (UPME). Since 1990, García has worked as a specialized consultant on public services infrastructure planning, transportation, and strategy analysis for businesses and organizations working on general and sector-specific planning. He has also worked with Colombian government entities and political agencies to evaluate privatization strategies for businesses and services. García has worked as the general manager of Transmilenio S.A., a representative in Colombia for HK Furui Pipeline Technology, an advisor in Colombia's National Electoral Council and the head of the Infrastructure Unit at Colombia's National Planning Department. He holds an electrical engineering degree from the Universidad Tecnológica de Pereira.