

IFC Latin America and the Caribbean Climate Business Forum 2016

Bogotá - Colombia

June 14 – 15, 2016

AGENDA

DAY 1: June 14, 2016

Climate Business: Challenges and Opportunities in Latin America and the Caribbean

6:30 - 8:00 am	Arrival, security and registration
8:00 - 8:10 am	<p>Forum Kick-off and Welcome</p> <p>Introduction: Alejandro Santos Rubino, Director, SEMANA</p> <ul style="list-style-type: none"> • Christian Grossmann, IFC Director for Climate Change • Liz Bronder, IFC Director, Latin America and the Caribbean
8:10 - 8:30 am	<i>Keynotes Remarks: His Excellency Juan Manuel Santos, President of Colombia.</i>
8:30 – 9:30 am	<p>Opening Plenary: What Does the Paris Agreement Mean for the Private Sector in Latin America and the Caribbean (LAC) Region?</p> <p>Moderator: Claudia Palacios, Director at Canal Capital, Former Journalist at CNN Español</p> <ul style="list-style-type: none"> • Juan Alberto Fernández, President, SCL Energia Activa, Chile • Marcene Broadwater, Global Head, Climate Change, IFC • Shawn Qu, Chairman and CEO, Canadian Solar, Canada • Valentin Alfaya, Director, Ferrovial, Spain <p>The 2015 21st Conference of Parties (COP21) in Paris concluded with a historic agreement that sets 195 nations onto a path to pursue efforts to keep global warming below 2°C. To accomplish this, countries have to reduce greenhouse gas emissions and neutralize them by 2100. The panel will discuss what countries should be doing at the global level and in LAC region to achieve these targets, what will be the role of the private sector, the needed actions and how IFC will support this agenda in LAC.</p>
9:30 - 10:00 am	<p>Presentation: The Economics of Climate Change</p> <p>Introduction: Carlos Leiria Pinto, Head Andean Region, IFC</p> <ul style="list-style-type: none"> • Mauricio Cárdenas Santamaria, Minister, Ministry of Finance and Public Credit, Colombia

<p>10:00 – 10:30 am</p>	<p>Coffee and Networking Break</p>
<p>10:30 – 12:00 pm</p>	<p><i>First Break-out Session: Opportunities for Climate Change Mitigation and the Private Sector</i></p> <p>Panel I: <u>Nationally Determined Contributions (NDCs) and What they Mean for the Private Sector?</u></p> <p>Moderator: Issam A. Abousleiman, World Bank Country Manager, Colombia</p> <ul style="list-style-type: none"> • Carlos Klink, Professor, University of Brasilia, former Deputy Minister of Environment, Brazil • Heloisa Schneider, Expert in Climate Change, UN CEPAL • Luis Gilberto Murillo, Minister of Environment and Sustainable Development, Colombia • Rodrigo Suárez Castaño, Director, National Agency for Environmental Licenses, Colombia <p>More than 160 countries have since submitted their Nationally Determined Contributions (NDCs) under the Paris agreement pact, sketching out their green growth roadmaps between now and 2030. The NDCs open enormous opportunities for the private sector globally and in LAC region specifically. The panel will analyze what these new scenario means for the private sector and what are the present opportunities and challenges.</p> <p>Panel II: <u>The Business and Financial Case for Renewables in Current Energy Markets</u></p> <p>Moderator: Miguel Toledo, Chief Investment Officer, Infrastructure Group, IFC</p> <ul style="list-style-type: none"> • Carmen Becerril, Manager, Grupo Acciona, Spain • Germán Arce, Minister, Ministry of Mines and Energy, Colombia • Inderpreet Wadhwa, CEO, Azure Power, India • Milagros Rivas Saiz, Manager, Cross Cutting Industry Solutions, IFC • Sebastian Kind, Deputy Secretary of Renewable Energies, Ministry of Energy, Argentina • Rolando Gonzalez-Bunster, Chairman and CEO, InterEnergy Holdings, Dominican Republic <p>A low-carbon growth path offers enormous opportunities for the private sector in renewable energy generation, a sector that has grown exponentially in recent years. The LAC region has enormous potential for tapping into its renewable resources and is already regarded a prime frontier for clean energy, having enjoyed decades of growth relying on clean energy sources. The panel will discuss some of the best practices from the region and other emerging markets countries, as well as the</p>

	<p>current challenges for greater private sector investment in the sector and how they can be overcome.</p> <p>Panel III: <u>The Future of Extractives in a Low-carbon Global Economy</u></p> <p>Moderator: Liane Asta Lohde, Senior Economist, Global Infrastructure & Natural Resources, IFC</p> <ul style="list-style-type: none"> • Gérard Moutet, Chair of the Executive Committee, The Oil and Gas Climate Initiative, France • Jorge Bendeck, President, Fedebiocombustibles, Colombia • Mauricio Gomez Machado, High Commissioner at Colombian Regulatory Commission for Energy & Gas, CREG, Colombia • Richard James Spies, CEO Pan America Energy LLC, Argentina <p>IFC works towards scaling up investments in low-carbon technologies and green economy. Extractives should not be an exception to this mission, and need to be involved despite regulatory uncertainty and the lack of clarity on an international policy regime for extractive activities. The panel will allow for a deep-dive on what role extractive companies in LAC and globally are playing or could play towards sustainability and climate change mitigation. The session will also cover how gas can be a transition tool, the projected impact of low oil prices on the future of extractives, and the overall environmental footprint of the extractives industry in the LAC region.</p>
<p>12:15 – 2:00 pm</p>	<p>Lunch: TED-style presentation</p> <ul style="list-style-type: none"> • Juan Verde, Advanced Leadership Foundation
<p>2:00 – 3:30 pm</p>	<p><i>Second Break-out Session: Bringing Innovative Financial Solutions to Address Climate Change in the LAC Region.</i></p> <p>Panel I: <u>Green Banking and the Role of Financial Institutions in a Low-Carbon Economy</u></p> <p>Moderator: Peer Stein, Adviser, Financial Institutions Group, IFC</p> <ul style="list-style-type: none"> • Christopher Wells, Manager, Environmental and Social Risk, Santander Bank, Brazil • Luiz Fernando do Amaral, Head of Corporate Social Responsibility, Rabobank, Brazil • Giorgio Trettenero, Secretary-General, Felaban, Colombia • Kurt Vogt, Managing Director, Capital Financing, Sustainable Finance Americas, HSBC, USA • Raúl Solís, Deputy General Director Nacional Financiera (NAFIN), Mexico

Meeting the enormous needs for climate capital for developing nations will require innovative financial instruments that will leverage the resources of the private sector. IFC has an established track-record of channeling investments through financial intermediaries such as commercial banks and non-bank financial institutions to support climate-related credit lines and trade finance for small and medium-sized firms. The session will explore best practices around this approach, discuss the applicability of the model for countries in LAC, as well as opportunities for greater participation by financial intermediaries in climate-smart industries in the region.

Panel II: Green Bonds – A Powerful Instrument to Leverage Climate Finance in LAC

Moderator: Evelyn Hartwick, Senior Financial Officer, Treasury Client Solutions, IFC

- **Alba Aguilar Priego**, New Markets Director, SIF-ICAP 4, Mexico
- **Jean – Marie Masse**, Chief Investment Officer, IFC
- **Sean Kidney**, CEO, Climate Bonds Initiative, USA

The green bonds market has quadrupled between 2013 and 2015, reaching \$42.4 billion in 2015. Green Bonds have proven to be an effective climate finance instrument and have opened up new opportunities for investment in clean growth and resilient development that are necessary to mitigate climate change. The World Bank and IFC are among the world’s largest issuers of green bonds. IFC uses the proceeds to support investments in renewable energy, energy efficiency, and other areas that reduce greenhouse emissions in LAC and globally. This panel will showcase success stories of investing green bond proceeds in projects in LAC, as well as challenges and opportunities for scaling up across the region.

Panel III: Mobilizing Private Capital for Greater Opportunities in Climate-smart Investments

Moderator: Irene Arias, Director, Financial Institutions Group, IFC

- **David Bojanini Garcia**, President, Grupo de Inversiones Suramericana, Colombia
- **Jose Humberto Alarcón Torres**, Technical Secretary, Mexican Banking Association, Mexico
- **Maria Laura Tinelli**, Regional Representative for the Program for Responsible Investment and Founding member of the Latin SIF
- **Miguel Chavarría**, Andean Region Vicepresident, Morgan Stanley Capital International, Chile
- **Mauricio Chacón**, Country General Manager BCIE, Costa Rica
- **Nancy Motta**, Vicepresidente Riesgo Operativo, Banco Davivienda

	<p>The financing required for an orderly transition to low-carbon and resilient growth path can be counted in the trillions, not billions: with \$1 trillion a year needed by 2050 to finance a low-emissions transition. The public sector alone cannot meet climate finance needs and the private sector has a critical role to play. IFC, as part of the World Bank Group, has pledged to catalyze \$13 billion in private sector capital annually by 2020 to climate sectors through mobilization, aggregation, and de-risking products. The session will explore opportunities for leverages private sources of capital for climate-smart investments in LAC, as well as the role of concessional finance.</p>
<p>3:30 - 3:45 pm</p>	<p>Coffee and Networking Break</p>
<p>3:30 - 4:45 pm</p>	<p><i>Third Break-out Session: Climate Change Agenda Post-Paris and Opportunities for Low-carbon Growth</i></p> <p>Panel I: <u>Threats and Opportunities Posed by Climate Change on Agribusiness.</u></p> <p>Moderator: Martin Spicer, Regional Head of Industry, Manufacturing, Agribusiness and Services Department, LAC</p> <ul style="list-style-type: none"> • Guillermo Carvajal, Sustainability Manager for North LATAM, Syngenta • Márcio Nappo, Sustainability Director, JBS, Brazil • Mathias Almeida, Sustainability Director, Marfrig, Brazil • Michel Santos, Director of Global Sustainability, Bunge, USA • Ricardo Jaramillo, Executive Director, Agrofuturo, Colombia • Sheila Guebara, Government Affairs Manager, Elanco, Brazil <p>Climate impacts could result in up to 5 percent crop yield losses by 2030 globally. Providing technical assistance and financing through corporate supply chains is critical for boosting IFC’s agribusiness investments and strengthening the resilience of its clients to climate change. There is a large opportunity for IFC to help agribusiness companies in LAC reduce the climate impact on their business and on global food supply, particularly by improving productivity and yield in dairy, livestock and crops. The session will explore best practices and models for the LAC region and opportunities for greater investments by the private sector in climate-smart agriculture.</p> <p>Panel II: <u>The Amazon: Creating Sustainable Businesses as a Way to Protect the Forest. Brazil Case Study</u></p> <p>Moderator: Hector Gómez Ang, Country Manager, Brazil, IFC</p>

	<ul style="list-style-type: none"> • Carlos Klink, Professor, University of Brasilia, former Deputy Minister of Environment, Brazil • Luis Fernando Laranja de Fonseca, Kaeté Investimentos, Brazil • Marcelo de Andrade, Managing Partner, Earth Capital Partners, Brazil • Mario Monzoni, Director, FGV Center for Sustainability Studies <p>One of IFC's strategic priorities in Brazil in terms of climate change is the promotion of the biofuel sector, land use change and forest protection. This panel will discuss the on-going IFC initiatives in the region for improving the sustainability standards, especially in the area of forest protection in the Amazon region of Brazil.</p>
<p>4:45 - 5:15 pm</p>	<p>Wrap-up and conclusion of the day</p> <p>Moderator: Maria Lópes, Director SEMANA SOSTENIBLE</p> <ul style="list-style-type: none"> • Liz Bronder, IFC Director, Latin America and the Caribbean • Christian Grossmann, Director, Climate Change, IFC • Anil Markandya, Department of Economics and International Development, University of Bath, winner of the Nobel Peace Prize 2007, Pakistan • Simon Gaviria, Director, National Planning Department, Colombia

LAC Climate Business Forum 2016

AGENDA

DAY 2 – June 15th of 2016

DAY 2: SUSTAINABLE CITIES AND CLIMATE BUSINESS

7:30 - 8:00 am	Arrival and Security
8:00 - 9:00 am	Registration and Coffee
9:00 -10:30 am	<p>Opening Plenary: How is Climate Change Affecting Cities?</p> <p>Moderator: Marcela Prieto, Director of Foros Semana</p> <ul style="list-style-type: none"> • Enrique Peñalosa, Mayor of Bogota, Colombia • Gabriel Goldschmidt, Senior Manager, Infrastructure and Natural Resources, IFC LAC • Jorge Dajani, Managing Director for International Economics, Ministry of Economy and Competitiveness, Spain <p>With over 80 percent of the global GDP generated by cities, they are critical for economic growth and poverty reduction. It is estimated that close to 90 percent of LAC population will live in cities by year 2050. However, many LAC cities’ inadequate infrastructure and services drive up costs and reduce efficiency, undermining the potential benefits from urbanization, which is further exacerbated by the effects of climate change. The panel will discuss the need for cities to adapt to changing climate and ever growing population, best practices for building resilient cities infrastructure, and the role of the private sector in this agenda.</p>
10:30 - 11:00 am	Coffee and Networking Break
11:00 am – 12:15pm	<p>Fourth Break -out Session: Scaling up Strategies to Power Climate Change Mitigation Initiatives in Cities.</p> <p>Panel I: <u>The Future of Sustainable Cities in LAC</u></p> <p>Moderator: Kristtian Rada, Program Leader, Cities and Governments, IF,-LAC</p> <ul style="list-style-type: none"> • Carlos Canales, Regidor, Peru • Jorge Muñoz, Mayor Miraflores, Peru • Leonardo Beltrán, Sub-Secretario, SENER, Mexico • Manuel Olivera, Regional Director Latin America, C40,

- **Oscar Díaz**, Head of Transport, Municipality of Bogotá, Colombia
- **Simon Gaviria**, Director, National Planning Department, Colombia

Latin America and the Caribbean is the most urbanized region in the world with 80 percent of its population living in cities. IFC has invested \$2.3 billion in 64 city-related projects in the region and provided advisory services to an additional 26 projects in 20 cities of LAC. The session will explore opportunities for scaling up greater private sector participation in building of sustainable cities, current challenges, and needed regulation to allow for scale up of some of the best practices implemented so far.

Panel II : Climate-Smart Transportation in Cities in LAC

Moderator: Gabriel Goldschmidt, IFC Senior Manager, Infrastructure and Natural Resources, IFC LAC

- **Toni Lindau**, Director, World Resources Institute Ross Center for Sustainable Cities, Brazil
- **Juan Pablo Bocarejo**, Secretary of Transport, Bogota, Colombia
- **Clemente del Valle**, CEO, Financiera Desarrollo Nacional FDN, Colombia
- **Julia Martínez**, Director of Economy, Environment and Climate Change, Embarq Mexico, Mexico

Sustainable transportation is a key infrastructure component that improves quality of life, efficiency, reduce GHG emissions and strengthen economic growth. IFC's investments in the transportation sector support private infrastructure projects and public-private partnerships that bring tangible benefits to communities and businesses in emerging markets. This panel will present some of the best practices of successful climate-smart transportation projects in the region, explore opportunities for greater private sector investments in this area, as well as needed regulatory frameworks to make this possible.

Panel III: Water Resources Management: The Role of the Private Sector

Moderator: George Ronald Butler, Principal Water & Sanitation Specialist, IFC

- **Alejandro Iriarte**, Project Manager, EAAB, Bogotá, Colombia
- **Carlos Casabonne Stoessel**, General Manager, URBI, Peru

	<ul style="list-style-type: none"> • Carlos Parrado, Operations Manager, Aguas de Bogotá, Colombia • Carlos Puente, Director of Water, Energy and Environment, Banobras, Mexico • Javier Santiago, Director de Ingeniería y Tecnología del Agua en la matriz, FCC Aqualia, Spain • Marta Echavarría, Project Director & Founder, EcoDecision, Ecuador <p>One third of the world’s population is affected by water scarcity and half lacks access to piped water. This problem is especially acute in Latin America and the Caribbean because of the threats to drinking water resources due to the shrinking ice pack in the Andes mountains. Water resources management is a key priority for IFC’s work around sustainable cities. IFC has championed a number of initiatives in the region around water resources management that support market-based approaches. This panel will discuss some of the best practices, opportunities for greater private sector investment in this area, as well as potential new initiatives that can be supported.</p>
<p>12:15 – 2:00 pm</p>	<p>Lunch: TED- style Presentation</p> <p>John de Boer, Senior Policy Adviser, United Nations University</p>
<p>2:00 – 3:15 pm</p>	<p><i>Fifth Break-out Session: The Green Economy in Emerging Markets – Key Business Opportunities</i></p> <p>Panel I: <u>Green Buildings and IFC’s EDGE Certification Program</u></p> <p>Moderator: Prashant Kapoor, Principal Industry Specialist, IFC</p> <ul style="list-style-type: none"> • Elsa Noguera, Minister, Ministry of Housing, Colombia • Christian Sieber, Cooperación Internacional, Embajada Suiza • Mario Ciardelli, General Manager, Amarilo, Colombia • Rodolfo Santa Maria Razzeto, Real Estate Business Manager, Fondo Mivivienda S.A, Peru • Sandra Forero Ramírez, President, Camacol, Colombia <p>In the global challenge to minimize the effects of climate change by drastically reducing greenhouse gas emissions, buildings can play a vital role as they account for 18 percent of total emissions today. IFC’s <u>EDGE</u> (Excellence in Design for Greater Efficiencies) green building certification system offers certification for new housing, offices, retail, hospitals and hotels that achieve at least 20 percent reductions in energy, water and the energy used in making the building materials compared to conventional construction. The session will explore some</p>

of the advances made in the region in promoting green buildings codes, opportunities for the private sector, as well as the needed regulation to scale up the green buildings program regionally.

Panel II: Waste Management and Waste to Energy Production

Moderator: James Michelsen, Senior Industry Specialist, IFC

- **Andrés Moreno Múnera**, General Manager, Interaseo, Solid Waste Company, Colombia
- **Beatriz Elena Cárdenas Casas**, General Director, UAESP, Colombia
- **Josep Fernández**, Technical Director, Veolia, Spain
- **Jose Henrique Penido**, Technical Advisor, COMLURB, Brazil
- **Sergio Pedreiro**, CEO, Estre Ambiental, Brazil
- **Sergio Ypiranga dos Guaranys**, Programme Coordinator, Rio Capital da Energia, Brazil

IFC provides transaction advice to national and municipal governments in emerging markets to implement sustainable PPPs that improve living standards and promote long-term economic growth. For solid waste infrastructure, IFC finances projects across the waste value chain from upstream industry/populations to downstream disposal and energy utilization. This panel will discuss about best practices in waste management and waste to energy generation globally that could also be applied to the LAC region. Panelists will also discuss the portfolio of projects where industry moves from addressing the “low hanging fruit” in certain markets to scaling up globally.

Panel III: ‘Smart Cities’ and the Role of Technological Innovation in a Low-Carbon Economy

Moderator: Gonzalo García, Economic and Commercial Counselor, Embassy of Spain

- **Ari Skromne**, Senior Investment Officer, IFC
- **Florian Lennert**, Director at Intelligent City Forum, LSE
- **Isaac Martín Barbero**, General Director for International Corporate Development, ICEX, Spain
- **Rodrigo de Pavia Martins**, President & CEO Current, powered by General Electric, Latin America

Technological innovation will be critical to implementing climate-smart services and resilient infrastructure in today’s cities. IFC works with innovative companies in the ‘clean-tech’ industries in their early stages to grow the businesses that will provide scalable solutions tomorrow. Early-stage investment is a powerful lever that allows IFC to invest in

	<p>innovative companies with high growth potential and impact. This panel will identify some of the key technological innovation that is taking substantial market share and could be applicable to the cities in LAC. Panelists will also discuss challenges and opportunities for grater scale-up across the region.</p>
3:15 - 3:45 pm	Coffee and Networking Break
3:45 - 5:00 pm	<p><i>Closing Plenary: Implications of the Paris Agreement for Climate-smart Investments in Cities and Looking Ahead to COP22</i></p> <p>Moderator: Claudia Palacios, Director at Canal Capital, Former Journalist at CNN Español</p> <ul style="list-style-type: none"> • Liz Bronder, Director, Latin America and the Caribbean, IFC • Christian Grossman, Director, Climate Change, IFC <p>What does the Paris agreement mean for cities? How will it affect urban planning and climate-smart infrastructure? What are the steps to be taken before COP22? The discussion will explore the ‘hot spots’ and sectors with the greatest potential for climate-smart investments in LAC cities and offering concluding remarks for the day of discussions on cities.</p>
5:00 - 6:30 pm	Closing Reception