



Promoting Carbon Markets in Latin America and the Caribbean

High Level Regional Dialogue on Carbon Pricing and MRV in the Pacific Alliance

January 22-24, 2018 – ECLAC, Santiago, Chile

The Government of Chile, with the support of ECLAC, the World Bank Group, the Government of Canada and GIZ is hosting a high-level meeting on Carbon Pricing and Monitoring, Reporting and Verification (MRV) systems on January 22-24 2018, in Santiago, Chile. This high-level event will be held in the context of the **Pacific Alliance Green Growth and Environment Group** and continued efforts in the region to promote carbon markets by discussing innovation and collaboration to enhance MRV systems. The event will bring together public authorities from Chile and Pacific Alliance countries, as well as international experts from California, Canada and Europe. We invite you to join the three day technical meetings on January 22, 23 and 24. Please see below for more information and final Agenda.

Meeting Objective: This event will facilitate a dialogue between the Governments of Pacific Alliance countries (Chile, México, Colombia, and Peru) and other experts in the Americas on MRV systems.

Participants: Chilean and international business leaders, civil society representatives, the Chilean Ministries of Energy, Environment and Finance and other senior public officials, participants from Latin American and Caribbean countries benefiting from the PMR initiative (Brazil, Colombia, Costa Rica, Mexico and Peru), as well as experts from the World Bank and countries and/or jurisdictions

Context: On March 30th 2016, the Pacific Alliance Ministers of Environment signed a Declaration calling for the creation of a Green Growth platform. This declaration was the basis of the creation of the Pacific Alliance Environment and Green Growth Group (PAEGGG), in July 2016, a working group within the Alliance to coordinate initiatives on green growth, climate change and sustainable consumption and production within the region. In June 2016, in Cali, Colombia, the Pacific Alliance Presidents made an explicit commitment to promote a green growth strategy to face the challenges of climate change, as well as moving towards a voluntary carbon market for the region – including a common system to monitor, report and verify (MRV) emission reductions. Specifically, the **Cali Declaration** asserts the leaders' conviction to pursue a green growth strategy “as the only avenue to face the challenges of climate change that especially affects the region”.

The Alliance President's commitment to intensify efforts to work on a common MRV system is essential since the possibility of moving towards a regional market necessarily requires agreement on an institutional infrastructure that allows for trading or crediting emissions reductions. For this reason, the Presidents mandated the PAEGGG to work on proposals on MRV and carbon markets.

Although, at the national level, different countries are implementing different types of instruments to comply with their mitigation commitments, undoubtedly regional collaboration is necessary to take advantage of global trading programs. A carbon market presents enormous opportunities for this region: not only can such a system reduce national emissions at a lower cost, but because the region accounts for only around 7% of global emissions and holds considerable forest reserves, there is the possibility of offering carbon *offsets* or compensations at both regional and global levels. Such initiatives will allow these countries to access resources for clean investment in new technologies, while further driving emissions reductions and productivity gains. With this in mind, the Santiago event will be the first to explicitly discuss MRV issues within the region.

Format: This event will include presentations, panel discussions, and moderated Q & A sessions. Selected experts will present findings of World Bank Group-sponsored research on MRV and invited representatives from other governments and international experts and business will present their experience operating under a carbon pricing policy.



DAY 1: High-Level Dialogue on MRV and Carbon Pricing in the Americas
8.30-17.30, Monday, January 22, ECLAC, Santiago, Chile

Time	Agenda Item & Description
08.30-09.00	Arrival & Registration
09.00-09.30	<p align="center">Welcome & Ministerial Remarks</p> <ul style="list-style-type: none"> ▪ Jorge Canals. Vice-Minister of the Environment, Chile ▪ Joseluis Samaniego, Chief, Sustainable Development and Human Settlements Division (SDHS), ECLAC. ▪ James Close, Director, Climate Change, World Bank; ▪ Patricia Peña, Canadian Ambassador
Taking Stock: Experience and Challenges of Implementing Carbon Pricing in the Americas	
9.30-10.45	<p align="center">Taking stock: Carbon-Pricing in subnational jurisdictions</p> <ul style="list-style-type: none"> ▪ Moderator: Joseluis Samaniego, Chief, SDHS, ECLAC. ▪ Kate Rich, Environment Canada. ▪ Rajinder Sahota, Assistant Division Chief. Industrial Strategies Division. California Government ▪ Alex Wood, Assistant Deputy Minister, Ontario Ministry of Environment and Climate Change (TBC) ▪ Jean-Yves Benoit, Cap and Trade Lead, MDDELCC. Quebec
10.45-11.00	Coffee Break
11.00-12.15	<p align="center">Taking stock: Carbon-Pricing in national jurisdictions</p> <ul style="list-style-type: none"> ▪ Moderator: Marcos Castro, PMR Secretariat. ▪ Rodrigo Pizarro, Head Infor. And Environmental Economics. Ministry of Environment, Chile ▪ Mariana Rojas. Dir. Of Climate Change. Ministry of Environment and Sustainable Development, Colombia ▪ Juan Carlos Arredondo, Director General for Climate Change Policies SEMARNAT, Mexico ▪ Easwaran Narrasimhan, Tufts University. (TBC)
12.15-13.30	<p align="center">Considerations in advancing the carbon pricing agenda: perspectives from private sector</p> <ul style="list-style-type: none"> ▪ Moderator Angela Nanue Churie, CPLC Secretariat ▪ Dirk Forrister, President & CEO, IETA ▪ CEO Energy Sector, Chile (TBC) ▪ Marina Grossi, Brazil (TBC) ▪ Eduardo Piquero, Director Mexico Carbon Platform (MEXICO2), Stock Exchange. Mexico.
13.30-14.30	Lunch
Implementing Carbon Pricing Instruments in the Americas	
14.30-15.45	<p align="center">Carbon Pricing: Technical Implementation and Challenges</p> <ul style="list-style-type: none"> ▪ Moderator: Juan Pedro Searle, Ministry of Energy, Chile ▪ Miguel Rescalvo, Network Carbon Markets Initiative ▪ Neydi Cruz, General Director for International Cooperation, Secretariat of Environment and Natural Resources (SEMARNAT). ▪ Fernando Farías, Head Climate Change Division, Min. of Environment, Chile ▪ Jurgen Landgrave, German Emissions Authority, Germany (TBC)
15.45-16.00	Coffee Break
16.00-17.45	<p align="center">High Level Panel</p> <ul style="list-style-type: none"> ▪ Moderator: Alicia Bárcena, Executive Secretary, ECLAC; Joseluis Samaniego, Chief, SDHS, ECLAC. ▪ Marcelo Mena. Minister of the Environment, Chile. ▪ Andrés Rebolledo, Minister of Energy, Chile ▪ Carlos B. Gentile – Under Secretary of Climate Change and Sustainable Development, Argentina ▪ Neeraj Prasad, Manager, Carbon Markets & Innovation, World Bank. ▪ Martin Lajoie, Environment Canada.
17.45-18.00	<p align="center">Conclusions & Closing Remarks:</p> <p align="center">James Close, Director, Climate Change, World Bank, Marcelo Mena, Minister of the Environment</p>
18.00-20.00	COCKTAIL RECEPTION



DAY 2: Technical Dialogue DAY 2: Technical Dialogue on MRV and Carbon Pricing in the Americas
8.30-18.00, Tuesday, January 23, ECLAC, Santiago, Chile

Time	Agenda Item & Description
08.30-09.00	Arrival & Registration
09.00-09.30	<p>Welcome Remarks: Day 1 Highlights & Day 2 Overview</p> <ul style="list-style-type: none"> ▪ Cristián Franz, Superintendent of the Environment. ▪ Joseluis Samaniego, Chief, SDHS, ECLAC.
Technical Dialogue: What is MRV? Why MRV & Collaboration Matters for Regional Green Growth	
09.30-10.45	<p>Carbon Markets, Bilateral agreements, and MRV</p> <ul style="list-style-type: none"> ▪ Moderator: Carlos de Miguel, Head, Policies for Sustainable Development Unit, SDHS, ECLAC. ▪ Felipe de León, Ministry of Environment and Energy, Costa Rica ▪ Kay Harrison, Lead Negotiator, Ministry for the Environment, New Zealand ▪ Gajanana Hegde, Director of the Sustainable Development Mechanisms program, United Nations Climate Change Secretariat ▪ Franck Portalupi, 'ITMO's in practice, experience in the Americas' Climate Change. Environment Canada.
10.45-11.00	Coffee Break
MRV Landscape & Linkage Building Blocks	
11.00-12.15	<p>Market Linkage & Compatibility Building Blocks: MRV, Registries and Practical Experience</p> <ul style="list-style-type: none"> ▪ Moderator: Rodrigo Pizarro, Head Infor. And Environmental Economics. Ministry of Environment of Chile ▪ Soffia Alarcon-Díaz – Carbon Trust. ▪ Alexander Handke, International and Bilateral Cooperation, BMUB; Germany. The experience of EU. ▪ Agustín Matteri, UNEP. Centro Excelencia MRV UNEP ROLAC ▪ Tom Baumann ClimateCHECK
12.15-13.30	<p>Measuring & Reporting Emissions and Offsets</p> <ul style="list-style-type: none"> ▪ Moderator: Katie Sullivan ▪ Representante Perú, Ministry of Environment of Peru. ▪ Juan Pablo Rodríguez - SMA Report, Measurement and Verification Chile. Superintendence of the Environment, Chile ▪ Juliana Lopes, "The role of corporate carbon management to set a MRV" culture. Carbon Disclosure Project. ▪ Alastair Handley, President and CEO, Climate Smart Group
13.30-13.45	<ul style="list-style-type: none"> ▪ Neeraj Prasad, Manager, Carbon Markets & Innovation, World Bank ▪ Rodrigo Pizarro, Ministry of the Environment, Chile
13.45-15.00	Lunch
13.45-15.00	<p>Technical Session: Mitigation through sustainable transport destabilize Chile's Economy, and it's projections towards Latin America</p> <p style="text-align: center;">Side Event</p> <p style="text-align: center;">Organized by ECLAC</p> <p>Facilitator: Joseluis Samaniego, Chief, Sustainable Development and Human Settlements Division, ECLAC (interventions 10 minutes)</p> <p>Panelist: Rodrigo Andrade, Regional Director NGO Latin American Energy Mining Dialogue, Co Founder Latin American Sustainable Leadership Platform (interventions 15 minutes)</p> <p>Discussant: Luis Miguel Galindo, Climate Change expert (interventions 10 minutes)</p> <p>Questions and Answers: 30 minutes</p> <p>Location: Enrique V. Iglesias</p>
15.00-17.45	<p style="text-align: center;">Working Group Meeting on Carbon Pricing Platform</p> <p style="text-align: center;">of the Americas</p> <p style="text-align: center;">Convened by Canada, Chile, México and the Carbon Pricing Leadership Coalition (CPLL)</p>
17.45-18.00	Closing Remarks

Workshop on Strengthening MRV Using Digital Innovations and Discussion on Next Steps for Cooperation on Enhancing MRV Systems

Limited space requires special registration.

Information and registration Katie Sullivan at sullivan@ieta.org

ORGANIZED BY:



8.30-18.00, Wednesday, January 24, Hotel Atton, Vitacura 3201 Avenue, Santiago, Chile

Time	Agenda Item & Description
08.30-09.00	Arrival & Registration
09.00-09.30	<p style="text-align: center;">Welcome Remarks: Overview of Days 1-2 & Day 3 Canada / IETA Workshop Objectives</p> <ul style="list-style-type: none"> ▪ Patricia Pena, Canadian Ambassador to Chile ▪ Carlos Piña, Head of International Office, Ministry of Environment, Chile ▪ Dirk Forrister, President & CEO, IETA
09.30-10.30	<p style="text-align: center;">Enhancing MRV Systems</p> <ul style="list-style-type: none"> ▪ Facilitation: Dirk Forrister, President & CEO, IETA ▪ MRV Highlights from Day 2: Miguel Rescalvo, World Bank (TBD) ▪ MRV Highlights & Opportunities in Chile: Rodrigo Pizarro, Head of Environmental Information & Economics Division, Chile ▪ Approach for Enhancing MRV System: Tom Baumann, ClimateCHECK ▪ Participant Dialogue on Key Issues for Enhancing MRV (Facilitated by IETA and ClimateCHECK)
10.30-11.30	<p style="text-align: center;">Digital Solutions & Distributed Ledger Technology for Climate Change</p> <ul style="list-style-type: none"> ▪ Facilitation: Katie Sullivan, Managing Director, IETA ▪ Blockchain Experience in the Pacific Alliance and Internationally: <ul style="list-style-type: none"> ○ <i>Sven Braden, Climate Ledger Initiative</i> ○ <i>Sebastian Romero, Mexico</i> ○ <i>Gaj Hegde, Director, Sustainable Development Mechanisms, UNFCCC</i> ○ <i>Marcos Castro, World Bank</i> ▪ Overview of Blockchain and Digital Solutions for Climate and Sustainability – Tom Baumann, ClimateCHECK ▪ Participant Dialogue on Key Issues for Digital Innovations in support of MRV (Facilitated by IETA and ClimateCHECK)
11.30-12.00	Coffee Break
12.00-13.00	<p style="text-align: center;">Governance Innovations</p> <ul style="list-style-type: none"> ▪ Facilitation: Amanda McKay, Environment Canada and Climate Change ▪ UNFCCC and Governance Innovations: Gaj Hegde, UNFCCC ▪ Governance Issues and Innovations: Scott Muller, International MRV Expert ▪ Next Generation MRV Smart Standards: Tom Baumann, ClimateCHECK ▪ Participant Dialogue on Key Issues for Governance Innovation in support of MRV (Facilitated by IETA and ClimateCHECK)
13.00-14.00	<p style="text-align: center;">In-Depth Project Overview & Next Steps</p> <ul style="list-style-type: none"> ▪ Overview of Project Activities and Online Platform for Stakeholder Engagement – Tom Baumann, ClimateCHECK ▪ Participant Dialogue on Project Activities (Facilitated by IETA and ClimateCHECK) ▪ Workshop Wrap, Action Items and Next Steps ▪ <i>Brief Overview of Post-Lunch MRV Technical Group Meeting: Format, Objectives, Participation etc.</i>
14.00-15.00	Lunch
15.00-18.00	<p style="text-align: center;">Meeting of the Pacific Alliance MRV Technical Group</p> <p>Convened by Chile (coordinator of PA Green Growth Working Group), with PMR Support</p> <ul style="list-style-type: none"> • Session 01: Enhancing MRV Systems in the Pacific Alliance • Session 02: Collaboration in MRV and carbon markets between the Pacific Alliance and the Americas