



RAISING THE AMBITION OF NDCS THROUGH ELECTRIC MOBILITY.

WEDNESDAY, OCTOBER 9
9:45 AM TO 4:30 PM
URBANO ROOM

INTRODUCTION

This event is led by the Governments of Costa Rica and Chile with support from UN Environment, the European Union's EUROCLIMA+ Programme, FIA Region IV, GLOBE International, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and the Partnership on Sustainable Low Carbon Transport (SLoCaT). These organizations have been working individually and collaboratively in the advancement of electric mobility. This collaborative work has led to the joint organization of a side event during the PreCOP25, in San Jose, Costa Rica. The discussions will be part of continuous debate in the pathway to COP25.

JUSTIFICATION

Accelerated action to reduce emissions in transport is key to accomplish the Paris Agreement on climate change and improve air quality in cities. Over the past half-century, transport has experienced faster emissions growth than any other sector and the global vehicle fleet is forecasted to continue expanding – with most of the growth expected to occur in low- and middle-income countries. Despite the automobile being the emblematic technological, economic and social innovation of the last century, disruption in mobility is expected to be unprecedented over the next decades and it is likely to exceed those of the previous 50 or more years¹. Hence, there is an important opportunity to raise the level of ambition of Nationally Determined Contributions (NDCs) in order to meet international climate commitments, established under the Paris Climate Agreement and dramatically reduce emissions to reach net-zero emissions by mid-century. Accelerated sustainable urban mobility solutions can foster innovation and promote new business and job creation while improving public health and decreasing congestion.

CONTEXT

Transport accounted for close to 30% of global final energy demand and a quarter of global energy-related CO₂ emissions in 2014 -- over the past half-century transport has experienced faster emissions growth than any other sector². Moreover, transport is a major contributor to short-lived climate pollutants and was responsible for almost 20% of global black carbon emissions in 2000, contributing to 3.2 million deaths per year³.

According to the Intergovernmental Panel on Climate Change (IPCC), deep emissions reductions can be achieved in the transport sector by several means, including technology-focused measures (e.g. such as energy efficiency and electrification) and structural transformations (e.g. avoid and/or shift of transport activity)⁴. In response, several high-level and multi-sector initiatives have been launched in order to put low- or zero-emission mobility at the center of sustainable cities. For example:

- The first UN resolution on sustainable mobility, adopted by member parties in March 2019, during the fourth session of the United Nations Environment Assembly (UNEA-4). This resolution calls on all countries to switch to sustainable mobility, including electric mobility⁵.
- “Driving Change Together” a global partnership for electric mobility, launched during the COP24, in Katowice, Poland, by a diverse set of representatives, including countries, international organizations, subnational authorities, private companies and non-governmental organizations⁶.
- In May 2019, a platform of Legislators for the promotion of Electric and Sustainable Mobility in Latin America was launched in Buenos Aires, Argentina, integrated by Congressmen and Congresswomen from nine different countries in the region⁷.
- As a result of the XXI Forum of Ministers of Environment of Latin America and the Caribbean, in October 2018, countries from the region agreed “to promote the development, regional collaboration, and the exchange of information on national or regional strategies, as well as the formulation of public policy instruments on innovation, clean technologies and sustainable urban transport and mobility, according to the realities of each country”⁸.

OBJECTIVES OF THE EVENT

- Increase the contribution of electric mobility to raise the level of ambition of the next generation NDCs to be presented in 2020 and to reach net-zero emissions by mid-century.
- Bring electric mobility at the center of sustainable cities by raising awareness on their climate change mitigation potential and co-benefits.
- Engage with a diverse set of actors and initiatives to facilitate cross-sectoral dialogue and collaboration to build urban transport climate mitigation ambition at COP25.
- Engage with the private sector, specifically, with investors and financiers, to scale up the adoption of climate-friendly urban mobility solutions.

PROPOSED METHODOLOGY

The event will consist of keynote speakers and discussion panels. One moderator per panel shall briefly introduce each panelist and guide the conversation through strategic questions. It is estimated that a moderator plus three to four international panelists will participate in each block.

1. Keynote speakers

9:45 - 10:15 Welcome speech by high-level authorities

Speakers:

- Ms. Claudia Dobles Camargo, First Lady of Costa Rica, Costa Rica
- Ms. Carolina Schmidt, Minister of Environment, Chile
- Mr. Horst Pilger, Head of Sector for Regional Programmes Latin America, European Commission's Directorate-General for International Cooperation and Development (DG DEVCO)
- Mr. Leo Heileman, Director and Regional Representative for Latin America and the Caribbean, UN Environment.

10:15 - 10:25 Zero Carbon Latin America & Caribbean: a pathway to achieve net-zero emissions by 2050

Climate transformational change needed to meet the Paris goals can be achieved by coupling the power and transport sectors. The presentation will focus on providing precise ideas of what should be done in the short, medium and long term to increase NDCs' ambition set by countries in the region. The presentation aims to provide information about available and innovative technology, specific public policies, new business models, job creation opportunities and countries initiatives that can boost the transition of the region towards decarbonization.

Speaker: Mr. Gustavo Mañez, Climate Change Coordinator for Latin America and the Caribbean, UN Environment

10:25 - 10:45 Winning minds and hearts on the way to electric mobility: the critical role of users and pioneers.

The transition to a net-zero economy will go faster and smoother if people are engaged since an early stage. User engagement can make a transformative difference in the deployment of electric mobility. This keynote presentation will go over inspiring examples across Latin America to show how users and pioneers are making a difference by living or promoting the benefits of electric mobility in everyday life.

Speaker: Ms. Mónica Araya, Co-Founder of Costa Rica Limpia and Costa Rica's Electric Mobility Association (ASOMOVE)

10:45 - 11:00 Climate financing to attract investments

With over USD 5 billion worth of climate action projects around the world, the Green Climate Fund (GCF) is playing a major role in helping developing countries raise and realize their climate ambitions. Transition to a low-emission economy calls for significant investments in capacity-building, policy development and access to technology. Financial entities could act as "conveyor belts" between countries and the financial sector to address the countries' capacity, advocacy and technology issues. This brief keynote presentation will provide a glimpse on how GCF is supporting the efforts of developing countries to respond to the challenges of climate change and how sustainable mobility is playing a role in this regard.

Speaker: Mr. Javier Manzanares, Deputy Executive Director, Green Climate Fund

2. Raising transport ambition in the next generation of NDCs

11:00 – 12:30 High-level discussion panel with Ministers, focusing on the role of electric mobility in the formulation of the next generation of NDC's to be presented in 2020 and in the countries' decarbonization plans by mid-century. Electric mobility is a disruptive transition, which goes beyond emission reduction and includes factors such as electricity and associated charging networks, political economy, automotive industry and its supply chain, new business models and trade relations between countries. The conversation will focus on the need to create bridges between the sectors to scale up the use of electric drive technology for urban mobility and promote vibrant ecosystems to accelerate the transition and create inclusive economic and social development.

Moderator: Mr. Gustavo Mañez, Climate Change Coordinator for Latin America and the Caribbean, UN Environment

Speakers:

- Mr. Carlos Manuel Rodríguez, Minister, Ministry of Energy and Environment, Costa Rica
- Ms. Teresa Ribera, Minister for Ecological Transition, Spain
- Mr. Michał Kurtyka, State Secretary in the Ministry of Environment, Poland / President of COP24
- Mr. Juan Carlos Jobet, Minister, Ministry of Energy, Chile
- Dr. Jorge Rivera Staff, Secretary of Energy, National Secretariat of Energy, Panama

3. Shaping the implementing frameworks for the scaleup of electric mobility

13:30 – 14:30 This is a high-level discussion panel with Legislators across Latin America and the globe with a track record in legislating on electric mobility. This panel will be focused on the importance of legal and regulatory frameworks to catalyze public commitment and private investments towards the advancement of electric mobility.

Moderator: Mr. Jorge Tomasi, President, Federation Internationale de l'Automobile (FIA) Region IV

Speakers:

- Dr. Esteban Albornoz, Congressman, National Assembly, Ecuador
- Mr. David Sandoval Plaza, Senator, Chile
- Mr. Alejandro Guillier, Senator, Chile
- Mr. Juan Carlos Villalonga, National Congressman and President of GLOBE International, Argentina
- Ms. Silvia Rojas, Presidential Advisor, Costa Rica

4. Investing in the Mobility Transformation for Sustainable Cities

14:30–15:30 This discussion panel will provide insights on how private companies and the financial sector are supporting the adoption of electric mobility. The session will also facilitate an exchange on concrete finance mechanisms and business models to scale up zero-emission urban mobility investment. The private sector speakers will assess the main constraints and how the national and sub-national governments can unlock private investment towards sustainable urban mobility. Particularly, how the public sector can catalyze investment with private participation.

Moderator: Ms. Teresa Moll de Alba Alfaro, Senior Advisor Latin America & Caribbean, UN Global Compact

Speakers:

- Ms. Irene Cañas, Executive President, Grupo ICE, Costa Rica
- Mr. Carlos Sallé Alonso, Director of Energy and Climate Change Policy, Iberdrola, Spain
- Mr. Juan Octavio Díaz, President, Grupo Casa de las Baterías, Panamá
- Mr. Guillermo Areas, Head Government and External Affairs, BMW Group
- Ms. Sylvia Larrea, Lead Energy Specialist, Inter-American Development Bank

5. Lessons-learned in the transition to electric mobility for enhanced ambition in the transport sector

15:30 –16:30 Cities and countries around the world have embarked on the transition from combustion engines to electric vehicles (EV) as a strategy to mitigate emissions. However, stakeholders on the path to electric mobility face similar challenges regarding governance aspects, funding issues, availability of the technology, monitoring etc. In this session, experts and practitioners will present an analysis of recurrent patterns identified by comparing experiences and lessons from various projects on e-mobility. The analysis should encourage the replication of these lessons in countries engaged in achieving NDC-related targets defined for the transport sector.

Moderator: Claus Kruse, Project Director, GIZ

Speaker: Mark Major, Senior Advisor, Partnership on Sustainable, Low Carbon Transport (SLoCaT)

Panel:

- Ms. Andrea Meza, Director, Climate Change Directorate, Costa Rica
- Ms. Maruxa Cardama, Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT)
- Ms. Paola Visca, Dirección de Cambio Climático, Uruguay

The event will require audiovisual support, more specifically a screen with a video beam and at least two microphones. Simultaneous translation will also be needed.

CONTACT

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¹ <https://www.mckinsey.com/industries/automotive-and-assembly/our-insights/the-trends-transforming-mobilitys-future>

² https://www.ipcc.ch/site/assets/uploads/sites/2/2019/05/SR15_Chapter2_Low_Res.pdf

³ <https://ccacoalition.org/en/initiatives/heavy-duty-vehicles>

⁴ https://www.ipcc.ch/site/assets/uploads/sites/2/2019/05/SR15_Chapter2_Low_Res.pdf

⁵ <http://wedocs.unep.org/bitstream/handle/20.500.11822/28469/K1901060.pdf?sequence=3&isAllowed=y>

⁶ https://cop24.gov.pl/fileadmin/user_upload/files/Driving_Change_Together_-_Katowice_Partnership_for_E-Mobility_-_final.pdf

⁷ <http://movelatam.org/legisladores-de-america-latina-debaten-politicas-publicas-en-favor-de-la-movilidad-electrica-en-la-region/>

⁸ https://wedocs.unep.org/bitstream/handle/20.500.11822/26515/BuenosAires_Declaration.pdf?sequence=2&isAllowed=y