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## LATIN AMERICAN ELECTRIC MOBILITY FORUM 2024

March 18-21, 2024

Bogota, Colombia

### Scope of the event

The SOLUTIONSplus Project and the GEF-7 Regional Platform for Support and Investment in Electric Mobility will jointly hold the *Latin American Electric Mobility Forum 2024*, which will take place between March 18th and 21st in Bogotá, Colombia, as part of the Capacity Building activities carried out by the two projects.

The Forum will begin with a high-level opening session on March 18th, in which decision-makers, transport operators and researchers from across the region will discuss the opportunities and challenges brought about by electric mobility. On Tuesday, March 19th and Wednesday, March 20th, participants will attend parallel sessions focused on: 1) Electrification of public transport, led by the International Union of Public Transport academy - UITP Academy, and 2) Low-carbon urban logistics led by ICLEI and the Wuppertal Institute (WI), which will culminate on Thursday, March 21st with specific field visits. Likewise, the second meeting between the partner countries of the Global Electric Mobility Program in Latin America and the Caribbean will be held.

By focusing on the following objectives, we are confident that the Latin American Electric Mobility Forum 2024 will accelerate the adoption of electric mobility throughout Latin America and the Caribbean, contributing to a cleaner environment, reduced carbon emissions, and sustainable urban transportation solutions.

1. Knowledge sharing: Provide a platform where the latest case studies in e-mobility can be discussed and shared.
2. Networking: Foster alliances between the actors in the electric mobility ecosystem, which give rise to collaborative projects and initiatives.
3. Capacity building: Conduct workshops, training sessions, and discussions that help participants acquire the necessary skills and knowledge to implement and promote e-mobility solutions in their respective fields.

### Participants:

Experts from the public and private sector of electric mobility in Latin America and the Caribbean are expected to participate in the *Latin American Electric Mobility Forum 2024*. The inaugural session scheduled for March 18th seeks to generate a space for exchange between nearly 100 local, national and regional leaders from the environment, energy and transport sectors who develop electric mobility projects in different segments. Around 60 people involved in the electric mobility value chain from countries such as Ecuador, Chile, Costa Rica, Peru, Argentina, Uruguay, among others, who are interested in participating in training sessions, sharing case studies, as well as learning about Colombia's experience and results in this area, will participate in the sessions on the 19th, 20th and 21st.

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## AGENDA INAUGURAL SESSION – CHALLENGES AND OPPORTUNITIES OF THE TRANSITION TO ELECTRIC MOBILITY IN LATIN AMERICA

**Day 1 – Monday, March 19, 2024**

Timetable	Activity	Speakers
08:00-08:30	Arrival & Registration	
08:30 - 08:50	Welcome  Colombia's E-Mobility Strategy	UN Resident Coordinator for Colombia (TBC)  Ministry of Transport of Colombia
08:50 - 09:05	The Global Electric Mobility Program	United Nations Environment Programme (TBC)
09:05 - 09:20	The SOLUTIONSplus Project	Wuppertal Institute for Climate, Environment and Energy
Session 1: E-mobility at regional, national and local levels		
09:20 - 09:35	Latin American Overview of Electric Mobility	Sustainable Mobility Centre (CMS)
09:35 – 10:00	Bogota's electric mobility strategy	Bogota Mobility Secretariat
10:00 - 10:30	Coffee break and networking	
Session 2: Challenges and Opportunities of Public Transport Electrification		
10:30 - 10:50	Electrification of public transport in Bogota	Transmilenio
10:50 - 11:10	Building a vision for large-scale electrification in Madrid	Empresa Municipal de Transportes de Madrid (EMT)
11:10 - 12:00	Panel Discussion: Electrification of Public Transport in Cities	Moderation: UITP <ul style="list-style-type: none"> <li>• Transmilenio</li> <li>• EMT</li> <li>• VG Mobil</li> <li>• AFD - PROPARCO</li> <li>• Enel X</li> <li>• ETRA</li> </ul>
12:00 - 13:00	Lunch	
Session 3: Decarbonizing Urban Logistics in Latin America		
13:00 - 13:20	The role of urban logistics in the decarbonisation of transport	ICLEI
13:20 - 13:40	The Role of Innovation and Local Manufacturers	IDIADA
13:40 - 14:00	The Perspective of Logistics Operators	Express Logistics
14:00 - 15:00	Panel Discussion: Decarbonization of Urban Logistics in Latin America	Moderation: IDIADA <ul style="list-style-type: none"> <li>• NUTRESA Group</li> <li>• Express Logistics</li> <li>• Bogota Mobility Secretariat</li> <li>• ICLEI</li> <li>• Lola moves you</li> </ul>

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Session 4: Inclusive e-mobility		
15:00 - 15:30	The Gender Situation in the Electric Mobility in Colombia and Ecuador	UTP/UEMI
16:30 - 17:00	Closing Remarks	
15:30 - 16:30	Panel Discussion: Inclusive E-Mobility	Moderation: GIZ <ul style="list-style-type: none"> <li>• Tembici</li> <li>• La Rolita</li> <li>• Deliveries Group</li> <li>• CODATU</li> </ul>
17:00 - 18:30	Reception	

## AGENDA – ELECTRIFICATION OF PUBLIC TRANSPORT

### Day 2 – Tuesday, March 19, 2024

Timetable	Activity	Speakers
09:00 – 09:30	Welcome & Introduction to the course	Christel GOOSSENS, BHRM Manager - Knowledge & Innovation, UITP
09:30 – 10:30	Introduction: An Electric Solution for City Bus Networks	Josep E. GARCIA ALEMANY, Public Transport Consultant, Valencia
10:30 – 11:00	Coffee break and networking	
11:00 – 12:30	Electric Bus Technology, Charging Infrastructure, and Market Overview	Josep E. GARCIA ALEMANY, Public Transport Consultant, Valencia
12:30- 13:30	Lunch	
13:30 – 15:00	Case Study: Developing an Electric Bus Operation and Acquiring E-Buses	Sergio Martinez, Transvial Lima & EMT Madrid
15:00 – 15:30	Coffee break and networking	
15:30 - 17:30	Contractual process WORKSHOP: Preparation of Tender Documents	Ignácio ABUD, Independent consultant in public transport, procurement and electromobility, Chile

### Day 3 – Wednesday, March 20, 2024

Timetable	Activity	Speakers
09:00 – 10:00	Planning and preparation of electric bus pilots	Marcello GARGAGLIONE, Head of Operations. Systems Management and Technological Studies
10:00 – 10:15	Coffee break and networking	
10:15 – 11:30	Batteries for electric buses	Josep E. GARCIA ALEMANY, Public Transport Consultant, Valencia
11:30 – 12:30	Case Study: Electric Articulated Buses – Metrobus, Mexico City	
12:30- 13:30	Lunch	
13:30 – 14:30	Financing mechanisms for electromobility	Josep E. GARCIA ALEMANY, Public Transport Consultant, Valencia
14:30 – 15:00	Coffee break and networking	

15:30 - 17:30	Workshop and discussion on the experiences gathered in the deployment and operation of electric buses	Josep E. GARCIA ALEMANY, Public Transport Consultant, Valencia  Ignacio ABUD, Independent consultant in public transport, procurement and electromobility, Chile
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**Day 4 – Thursday, March 21, 2024**

Timetable	Activity
09:00 – 16:30	Technical visit - visit to electro-terminal, electric bus transport and technical presentation

**AGENDA – LOW-CARBON URBAN LOGISTICS**

**Day 2 – Tuesday, March 19, 2024**

Timetable	Activity	Speakers
08:30-09:00	Arrival & Registration	
09:00 - 09:20	Why is it important to decarbonize last-mile logistics?	CODATU (TBD) / WI
09:20 - 09:40	The Urban Logistics Ecosystem	UEMI
10:00 - 10:20	EcoLogistics Project and results in Bogota and Rosario	ICLEI
10:20 - 10:50	Coffee break	
10:50 - 12:00	Pilot and replication projects on LML with VEL in Latin America <ul style="list-style-type: none"> <li>Grupo Nutresa (Colombia)</li> <li>Asociación Sustentar (Argentina)</li> <li>Correo Argentino (Argentina)</li> <li>Farmasol (Ecuador)</li> </ul>	Logistics operators
12:00 - 13:00	Working Session: Main Obstacles and Opportunities for Urban Logistics	
13:00 - 14:00	Lunch	
14:00 - 14:20	New Vehicle Concepts	IDIADA
14:20 - 15:40	LEV Offer in Latin America <ul style="list-style-type: none"> <li>Sero Electric (Argentina)</li> <li>Coradir (Argentina)</li> <li>BixiCargoUIO (Ecuador)</li> <li>Sidertech (Ecuador)</li> <li>Miral Group (Ecuador)</li> <li>Wheele (Uruguay)</li> <li>GreenStar (Uruguay)</li> <li>Ecotricycles (Colombia)</li> </ul>	VEL Manufacturers
16:00 - 17:00	Working Session: Key Obstacles and Opportunities for VEL	IDIADA

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**Day 3 – Wednesday, March 20, 2024**

Timetable	Activity	Speakers
08:30 - 09:20	New Operating Models: Micro Hubs	Logyca
09:20 - 09:40	Innovative Business Models in Urban Logistics	UN-Habitat / ERTICO
09:40 - 10:00	Innovative Business Models in Latin America <ul style="list-style-type: none"> <li>• Mercado Libre (Regional) - TBC</li> <li>• Lola Te Mueve (Colombia)</li> <li>• Grupo Entregas (Ecuador)</li> <li>• Express Logistics (Argentina)</li> </ul>	Logistics operators
10:00 - 11:00	Working Session: Innovative Business Models and Operations	
11:00 - 11:30	Coffee break	
11:30 - 11:50	National and local regulations for LEV	WI / IDIADA
11:50 - 12:10	Low emission zones for freight transport	District Secretariat of Environment - Bogotá
12:10 - 12:30	FONCARGA - District Fund for the "Program for the Reduction of Pollutant Emissions from Urban Freight Transport Vehicles"	FONCARGA
12:30 - 12:50		
12:50 - 13:10	Climate-smart cities challenge: Innovative business models, services and/or technologies that contribute to improving the mobility of freight transport.	Bogotá / UN-Habitat
13:10 - 13:30	Questions & Answers	
13:30 - 14:30	Lunch	

**Day 4 – Thursday, March 21, 2024**

Timetable	Activity
09:00 – 16:30	Technical Visit – Last Mile Urban Logistics Projects in Bogota

**AGENDA – ANNUAL MEETING OF THE REGIONAL PLATFORM FOR SUPPORT AND INVESTMENT IN ELECTRIC MOBILITY**

**Day 3 – Wednesday, March 20, 2024**

Timetable	Activity	Speakers
14:00 – 14:30	Welcome & Networking: Presentations. Participants arrive for a networking session, setting the stage for an afternoon of collaborative work.	
14:30 – 15:30	Status Updates on Regional Platform Projects: Summary of the activities of the Regional Platform and update on the status of country projects.	Daniela Day and Sebastián Galarza (CMS)
15:30 – 16:15	Schedule of Events and Trainings – General and Feedback Session: Review of the schedule of proposed trainings and events, as well as communication	Daniela Day and Sebastián Galarza (CMS)

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	<p>channels and preferred methods for staying in touch and keeping track of activities.</p> <p>Likewise, this session will serve to prepare the sub-regional event with the Caribbean countries and the e-mobility Marketplace.</p>	
16:15 – 17:00	<p>Replication Opportunity Brainstorming Session: An interactive session dedicated to identifying and documenting successful initiatives that can be replicated. Participants will discuss criteria for replication and explore synergies.</p>	Daniela Day and Sebastián Galarza (CMS)
17:00 – 17:15	<p>Mindfulness or active pause: A short intermission with mindfulness exercises to refresh and refocus participants during the second half of the afternoon.</p>	Daniela Day (CMS)
17:15 – 17:45	<p>Open-ended session based on comments and inputs from GEF 7 focal points and suggestions received from previous activities.</p>	Sebastián Galarza (CMS)
17:45 – 18:00	<p>Final Thoughts: A closing session that ended the day with a collective commitment to advance the e-mobility agenda and GEF 7 projects.</p>	Daniela Day and Sebastián Galarza (CMS)

**Place:**

The event will be held at the facilities of the LIV hotel in the city of Bogota, located at Calle 65 Bis #4 - 12, Bogota Colombia

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#### About the Global Electric Mobility Programme (GEMP)

The Global Electric Mobility Programme (GEMP) is the first coordinated global effort to promote and accelerate the adoption of electric mobility in developing countries. The GEMP is a joint effort of the Global Environment Facility (GEF), the United Nations Environment Programme (UNEP), the International Energy Agency (IEA), the Asian Development Bank (ADB), the SOLUTIONSplus Project and the European Bank for Reconstruction and Development (EBRD). The objective of the GEMP is to support countries to overcome the barriers faced by e-mobility projects through a combination of technical assistance and investment. The Global Electric Mobility Programme has four Regional Support and Investment Platforms. In Latin America and the Caribbean, the GEMP is present in 8 countries in the region (Costa Rica, Peru, Ecuador, Chile, Antigua and Barbuda, Grenada, St. Lucia, Jamaica and Trinidad and Tobago) and the Regional Platform is led by the Centre for Sustainable Mobility (CMS) and the United Nations Environment Programme (UNEP).

#### About the SOLUTIONSplus Project

SOLUTIONSplus is a project funded by the European Union that brings together committed cities, industry, research centres, regional networks, UN agencies and financial partners, to establish a global platform of shared, public, and commercial electric mobility solutions that contribute to the transition to low-carbon urban mobility. The project includes demonstration activities (pilots) at the city level to test different types of innovative and integrated e-mobility solutions, which are complemented by a toolbox, capacity building, business model generation and policy recommendations. In Latin America, SOLUTIONSplus implements electric mobility pilots in Montevideo in Uruguay, Quito and Cuenca in Ecuador, Buenos Aires and Escobar in Argentina, Bogotá, Medellín, Sabanalarga and Baranoa Barranquilla in Colombia

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