Advancing a regional approach to electric mobility in Latin America

LAC Climate Week 2023

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MOVE, Electric mobility in Latin America and the Caribbean Regional Office for Latin America and the Caribbean - UNEP
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Sustainable Mobility: UNEP's Approach

1. Clean and Safe Fuels & Vehicles
   • Fuel quality with reduced sulfur content
   • Assist on strict emission standards
   • Monitoring used vehicle imports for safety and emissions

2. More Efficient Vehicles
   • Energy efficiency policies
   • Multiple countries implementing CO2 emission labels
   • Focus on low CO2/km vehicles

3. Electric Mobility
   • Regional interest in electric mobility strategies
   • Successful implementation of electric buses in major cities
   • Expansion plans for electric taxis, light cargo vehicles, and motorcycles

4. Transport Digitalization
   • Digital tools facilitating mitigation actions
   • Data-driven decisions to improve efficiency
   • Transparent framework for monitoring transport mitigation projects
Sustainable Mobility: UNEP's Approach

It is a platform created by UNEP in 2016, to support the transition to electric mobility in Latin America and the Caribbean (country readiness)

It is currently the default platform for data and information in the LATAM region. We are working to achieve this position in the Caribbean.

www.movelatam.org
Country Readiness - Technical support

Guided countries in baseline assessments, barriers identification, policy & regulation, business models development and formulating **national strategies**

In 2018, MOVE launched a **practical guide** to assist countries in developing their national electric mobility strategies.
MOVE has mapped the advances of projects, policies and regulations in the region and provided:

• **self-assessment tools** for public transport
• **practical guidance** for transport operators
• Annual reports analyzing **trends in e-mobility**

We developed a platform for **knowledge sharing for public officers** and staff in 14 countries.
The MoveToZero initiative is a regional platform that seeks to set out ambitious commitments around electric mobility.

Over 45 private entities have committed to supporting fleet decarbonization, including two venture capital firms.
Key observations

The Region has advanced, yet we must accelerate our efforts...

- **EV Development & Adoption**: ALC has increased EV and hybrid sales from 2016-2022, and market shares up to 5.4%

- **Government Policies & Regulations**: National and international policies promote electromobility in the region, but gaps remain in areas like incentives, investment plans, education and battery waste management

- **Public & Commercial Transport**: Electric buses and taxis are increasingly common in Latin American cities. Commercial EVs are popular for deliveries and services, with potential growth in heavy-duty sectors like mining
Path Forward

1. Data accessibility & Transparent Reporting
   • Understand the methods and motivations behind people's mobilization
   • Maintain up-to-date official records of conventional and EV vehicles sales and fleet
   • Construct reliable historical data for informed decision-making

2. Infrastructure & Smart Technology
   • Develop more charging stations across the region
   • Promote strategic partnerships for smart technologies (fleet logistics optimization, etc)
   • Use intelligent charging to optimize energy use, ensuring a better user experience
Path Forward

3. Investment, Innovation, & Business Models
- Prioritize investments in R&D to promote innovation and regional competitiveness
- Develop flexible business models tailored to public transportation
- Collaborate across sectors (governments, private firms, and civil society)

4. Awareness, & Regulatory Framework
- Raise awareness on the significance of e-mobility
- Implement new emissions standards, promote EV battery sustainability, and integrate renewable energy for powering changing stations
- Adopt universal EV charging, provide adoption incentives, and ensure safety for vehicles and charging stations
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