Mobility in NDCs of the LAC Region

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(Photo by Carlos Felipe Pardo)
Emission gap growing, but low carbon transport has high mitigation potential
Transport reflected in NDCs

- 75% of NDCs submitted by LAC countries refer to transport as a way to reduce emissions.
- Three NDCs include **direct** transport GHG reduction targets.
- Three NDCs include **indirect** other transport mitigation targets.
### Transport measures in LAC NDCs

<table>
<thead>
<tr>
<th>Measure</th>
<th>Number of NDCs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Transport (Bus)</td>
<td>12</td>
</tr>
<tr>
<td>E-mobility</td>
<td>9</td>
</tr>
<tr>
<td>Biofuels</td>
<td>6</td>
</tr>
<tr>
<td>Other Energy Efficiency Measures (Feebate, Ecodriving)</td>
<td>3</td>
</tr>
<tr>
<td>Mobility Management</td>
<td>3</td>
</tr>
<tr>
<td>Rail Infrastructure Development</td>
<td>3</td>
</tr>
<tr>
<td>Inspection and Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>LPG/CNG</td>
<td>3</td>
</tr>
<tr>
<td>Vehicle Restrictions</td>
<td>3</td>
</tr>
<tr>
<td>Improvement of Data and Modelling</td>
<td>3</td>
</tr>
<tr>
<td>Road Infrastructure Development</td>
<td>3</td>
</tr>
<tr>
<td>Fuel Economy Standards</td>
<td>3</td>
</tr>
<tr>
<td>Green Freight Measures</td>
<td>3</td>
</tr>
<tr>
<td>Fuel Quality</td>
<td>3</td>
</tr>
<tr>
<td>Public Transport (Metro)</td>
<td>3</td>
</tr>
<tr>
<td>Parking Policies</td>
<td>3</td>
</tr>
</tbody>
</table>

*Photo by Carlos Felipe Pardo*

*Photo by Mario Roberto Durán Ortiz*

*Photo by La Tercera*

*E-Buses in Santiago, Chile*

*Light-Rail Transit in Brazil*
MOBILITY IN NDCS OF THE LATIN AMERICA & CARIBBEAN REGION

Improve measures dominate largely in NDCs

- **Avoid**: Avoid and reduce the need for motorized travel (2%)
- **Shift**: Shift to more environmentally friendly modes (26%)
- **Improve**: Improve energy efficiency of transport modes (72%)
Little attention to transport adaptation in NDCs

- **Antigua and Barbuda**: By 2030, all **waterways** are protected to reduce the risks of flooding and health impacts.

- **Belize**: Enhance resiliency of transportation sector with **vulnerability assessment** and have an improved and energy efficient transport sector

- **Dominican Republic**: **Infrastructure** as part of strategic plan for adaptation
## MOBILITY IN NDCS OF THE LATIN AMERICA & CARIBBEAN REGION

### NDCs with transport GHG reduction targets

<table>
<thead>
<tr>
<th>Country</th>
<th>Transport Emission Reduction Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dominica</td>
<td>16.9% below 2014 levels by 2030</td>
</tr>
<tr>
<td>Grenada</td>
<td>20% below 2025 BAU</td>
</tr>
<tr>
<td>Trinidad and Tobago</td>
<td>30% below 2030 BAU in public transport</td>
</tr>
</tbody>
</table>

*(Photo by Postdlf)*

**Coastal road in Dominica**
**NDCs with indirect transport targets**

<table>
<thead>
<tr>
<th>Country</th>
<th>Transport Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barbados</td>
<td>29% reduction in non-electric energy consumption (to 2029 BAU)</td>
</tr>
<tr>
<td>Belize</td>
<td>20% reduction in conventional transport fuel use by 2033</td>
</tr>
<tr>
<td>Mexico</td>
<td>51% reduction of black carbon by 2030 BAU (unconditional target), aiming for up to 70% reduction of black carbon by 2030 (conditional target)</td>
</tr>
</tbody>
</table>
Revised NDCs must step up ambition

- **Tighten** existing targets.
- **Set** ambitious new targets.
- **Expand** scope of targets.
- **Shift** conditional target to unconditional target.
- **Change** emphasis of existing targets.

Draft Assessment Framework by SLoCaT for 2020 NDCs

**Ambition**
for Low-Carbon Transport

**Action**
for Low-Carbon Transport

Sufficient Transport Pathway

Total Score

For further information, read GIZ's publication here: https://bit.ly/2XqasXI
Transport in next generation NDCs

- **Set** transport GHG emission mitigation targets
- **Include** measures on transport mitigation and adaptation
- **Balance** passenger and freight transport measures
Thank you for your attention!

For more information, visit our websites:

http://slocat.net/
http://www.ppmc-transport.org/
http://tda-mobility.org/

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Partnership on Sustainable, Low Carbon Transport
NDCs build on past efforts, other existing plans

Activities on low carbon transport pursued in recent years:

- Mexico City introduced a major parking policy reform
- Colombia introduced a new initiative to strengthen transit-oriented development
- Bogota grew bicycle share from 0.5% to nearly 6% and aims to reach 10% by 2020
- Chile made strong links between e-mobility and renewable energy and Santiago introduced 100 e-buses
- Bogota and Curitiba pioneered BRT systems in the LAC region
- Caracas, Guayaquil, La Paz-El Alto, Medellín, Rio de Janeiro and Santo Domingo use cable cars as public transport
- Brazil expanded biofuel production and blending mandates
- Urban Public Transport
- Sao Paulo ran a pilot on off-hour goods delivery
- Transport Demand Management
- Dominica announced plan to replace all government vehicles with hybrids
- Urban Public Transport
- Electric Mobility
- Renewable Energy
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For more policy examples, please see the Transport and Climate Change 2018 Global Status Report: [http://slocat.net/tcc-gsr](http://slocat.net/tcc-gsr)