Mission: Integrate Sustainable Transport in Global Policies on Sustainable Development and Climate Change

SLoCaT Foundation: Established in 2014 with sole objective to support the functioning of the SLoCaT Partnership
Present trends in Transport
But the reality is more like this
Transport Emissions Trends (6DS Scenario)

Transport sector CO2 emissions projected to increase by about 60% from 2015 to 2050

Impact of recent & upcoming events

2015
• Sustainable Development Goals
• COP 21
• UN General Resolution on multimodal transit corridors

2016
• Washington Climate Summit
• HABITAT III (New Urban Agenda)
• G 20
• COP 22
Globally about 93% of the transport sector is (still) driven by oil, with biofuels accounting for 2% and natural gas 1% of transport fuel.

*Source: IEA, Renewables Information (2015 edition)*
Key strategies for the short and medium term

Electric mobility and new vehicles

Better bio fuels
Opportunities to increase the use of Renewable Energy for Transport

Transport Climate Initiatives: e.g.

• **Action Platform on Urban Electric Mobility (UEMI):** Increase market share of EVs in cities to 30% of all new vehicles by 2030

• **International Zero-Emission Vehicle Alliance:** Accelerate adoption of EVs, plug-in hybrids and fuel-cell vehicles

National Policies

• **Fuel economy standards, Bio/alternative fuels use, NAMAs, (i)NDCs**

Climate Action Plans

• **Ambitious plans at national (e.g. Costa Rica) or city level (Copenhagen, Stockholm ... )**

• **Paris**

Technology-based Partnerships (Public / Private & Private/Private)

• Freight and passenger partnerships (modes)
### Fuel Decarbonization Measures in (I)NDCs

<table>
<thead>
<tr>
<th>Country INDC</th>
<th>Planned Measures to Decarbonize Transport Fuel</th>
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<tbody>
<tr>
<td>Barbados</td>
<td>Encourage adoption of hybrid and electric vehicles through tax incentives</td>
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<tr>
<td>Burkina Faso</td>
<td>Biodiesel to account for 5% of diesel consumption by 2030</td>
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<tr>
<td>Canada</td>
<td>Gasoline to contain 5% renewable content and diesel fuel to contain 2% renewable content</td>
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<tr>
<td>Jordan</td>
<td>Facilitate purchase of low emission vehicles and scrap high polluting vehicles through standards, incentives and legal means</td>
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<tr>
<td>Kiribati</td>
<td>Replace more than one-third of fossil fuels for electricity and transport by 2025; trial use of coconut oil-based biofuel</td>
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<tr>
<td>Mongolia</td>
<td>Increase share of private hybrid road vehicles from 6.5% in 2014 to 13% by 2030</td>
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<tr>
<td>Marshall Islands</td>
<td>Replace more than one-third of fossil fuels with renewables for electricity and transport by 2030</td>
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<tr>
<td>New Zealand</td>
<td>Increase renewable electricity usage in transport</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>Implement tax reductions for electric and hybrid vehicles</td>
</tr>
</tbody>
</table>

A broad set of decarbonizing measures from diverse regions

Source: SLoCaT Partnership analysis
Spreading the news!

Welcome to the 365 campaign

A searchable database where you can find international examples of actions that have been implemented on transport and climate change. These examples can be used to inspire further action and for you to design your own.
Too many to mention – no limit to creativity! Biofuels from municipal waste, capturing carbon rich gases from steel production, casebook more than 50 examples of e-mobility, Hytruck, electric urban freight deliveries, cities e.g. Rotterdam 50% municipal fleet 2018, biofuel use & testing in marine and aviation
Conclusions and Recommendations

• **Technology and Innovation**
  • Scale up technology transfer (e.g via the UNFCCC process)
  • Accelerate research in efficient batteries/energy storage
  • Expand developments in biofuels/reduce externalities
  • Scale up use of renewable electricity generation

• **Policy instruments**
  • Increase understanding and knowledge sharing
  • Increase focus on policies to link EVs and renewable energy
  • Consider expansion of biofuel blend mandates
  • Increase support for phase-out of fossil fuel subsidies

• **Financing**
  • Create dedicated funding, policy/tax neutral or positive mechanisms to incentivize market development
  • Implement local, national and global carbon pricing policies
  • Monetize/capture co-benefits of decarbonizing fuel, stimulate switching to renewables
Thank you
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