Climate Action on Urban Transport

Stefan Bakker (GIZ) and Cornie Huizenga (SLoCaT)
15th CLIMATE TECHNOLOGY INITIATIVE (CTI) WORKSHOP
MARKET MECHANISMS FOR CLIMATE ACTION AT THE URBAN LEVEL
Berlin, Germany, 7 - 8 May 2015

www.slocat.net
www.transport-namas.org
SLoCaT Partnership

90+ Members: International Organizations – Government – Development Banks – NGOs – Private Sector - Academe

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

Diamond Supporters

Platinum Supporters

Gold Supporters
Transport is not (yet) a major topic of discussion in the UNFCCC Process

<table>
<thead>
<tr>
<th></th>
<th>Lima Limps</th>
<th>Status Quo</th>
<th>Lima Leaped</th>
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<tr>
<td>Pre-2020 ambition</td>
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<td>Technology</td>
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<td>Climate Finance</td>
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<td>Adaptation</td>
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SLoCaT Partnership 2014 Reports

- Final Report: Transport at COP20: Despite Limited Leaps, Lima Limps
- Climate Finance as the Engine for More Low-Carbon Transport
- Land Transport's Contribution to a 2°C target
- Policy Brief: Scaling-up Sustainable, Low-Carbon Transport – overcoming funding and financing challenges, and the role of climate finance
- Transport NAMA Report 2014: Insights from experiences and Ingredients for Upscaling
- Mobilizing Private Sector Financing for the Realization of Next Generation Transport Solutions in Asia
Transport Related Commitments @ SG Ban Ki-moon’s Climate Summit

**Transport Action Area**

- **The UIC Low Carbon Sustainable Rail Transport Challenge**
  Improved rail sector efficiency, decarbonization of rail sector energy consumption and modal shift to rail for passenger and freight transport.

- **UITP Declaration on Climate Leadership**
  UITP members to take action to support UITP’s goal to double public transport’s worldwide market share by 2025.

- **Urban Electric Mobility Vehicles Initiative**
  Increase the share of electrical vehicles to at least 30% of new vehicles by 2030 to achieve a 30% reduction of CO2 emissions in urban areas by 2050.

**Energy Action Area**

- **Global Fuel Economy Initiative**
  Public-private partnership to double light duty vehicle efficiency.

**Industry Action Area**

- **Global Green Freight Action Plan**
  Expand and harmonize green freight programs that will generate reductions in black carbon and CO2 emissions.
175 ‘Projects’ on Transport and Climate Change:

- Clean Development Mechanism (CDM),
- Clean Technology Fund (CTF),
- Global Environment Facility (GEF);
- Nationally Appropriate Mitigation Actions (NAMA);
- International Climate Initiative (IKI);
- Joint Crediting Mechanism (JCM)

http://slocat.net/news/1447
Transport GHG methodology Database

SLOCAT DATABASE ON CLIMATE METHODOLOGIES AND TOOLS IN TRANSPORT (Beta Version - April 17th, 2015)

DECLARER: The database is a WORK IN PROGRESS, and the information is not complete. The data shown may contain errors and omissions and cannot be considered exhaustive.

<table>
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<tr>
<th>Name of Tool/Methodology</th>
<th>Release Year</th>
<th>Developing City/Institution</th>
<th>Approach</th>
<th>Analysis period</th>
<th>Geographical Scope</th>
<th>Degree of assessment</th>
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<th>Scope of Analysis</th>
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Growing Body of Tools to Assess GHGs in the Transport Sector
Main challenges that cities face in taking action to reduce GHG emissions

• Need for package of measures (infrastructure, economic incentives, regulation, information) promoting non-motorised and public transport, discourage private vehicle purchase and use, and use of electric vehicles
• High investment costs for infrastructure (BRT, metro), mainly borne by public sector (national + local)
• Scaling up and progressive policies require ‘champions’, while current interests of powerful actors are towards high-carbon mobility
  — Strategic vision translated into investment programme is needed
• Institutional capacity for sustainable transport planning
• ‘Transport is very important for climate, but climate is not important for transport’
• Data availability
Role Climate Finance in Promoting Action on Sustainable Transport

• Use international climate finance to raise awareness and build capacity for neglected transport sub-sectors such as freight transport.
• Allocate more CF to support institutional ‘readiness’ in the transport sector to build up a well prepared, and viable, program and project pipeline.
• Demonstrate how to engage the private sector in sustainable transport, e.g. by mechanisms like Climate Bonds.
• Better align ODA with the use of international climate finance (transport often largest or second largest lending sector in MDBs.)
  – E.g. by using CF to better integrate high-cost infrastructure projects and ensuring consistency in supporting policies such as non-motorised transport, traditional bus systems and integrated ticketing
• Financing pilot schemes that can be scaled up
Paris Process on Mobility and Climate

- Common platform of transport stakeholders (public – private sector, development community)
- Voice of Sustainable, Low Carbon Transport during COP21 vis-à-vis e.g. Lima Paris Action Agenda (LPAA), or UNFCCC
- Joint messaging on transport and climate change
- Knowledge Products on Transport and Climate Change
- Increased visibility of transport sector at COP21

Global Agreement on Climate Change that empowers transport sector to take action on climate change
Taking our lead from 5th AR IPCC (2° Scenario):

- **Without active contribution from transport sector 2° Scenario will not be realized** – *time for picking sector winners is over*
- **Integrated approaches required** – combine action to **avoid** GHG emissions, **shift** transport to most efficient mode and **improve** environmental performance of fuels + vehicles
- **Transport Policy matters** – *not feasible to devolve transport to discussions on energy and cities*
- **Co-benefits to be taken serious** - *Transport can benefit greatly if sustainable development co-benefits are taken more serious by UNFCCC*
- **Transport sector can’t ignore pre-2020 ambition** – *Transport activity in many cities will almost double between now and 2020*
- **Key UNFCCC mechanisms to encourage action in all sectors** - *Transport to better integrated in technology and financing mechanisms under UNFCCC*