



Partnership on Sustainable
Low Carbon Transport



Introduction to the Partnership on Sustainable, Low Carbon Transport
African Sustainable Transport Forum
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Integrate Sustainable Transport in Global Policies on Sustainable Development and Climate Change

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

African Development Bank (AfDB) *African Transport Policy Program (SSATP) *Alliance to Save Energy *Asian Development Bank (ADB) *CAF-Development Bank of Latin America * Cambridge Systematics * Center for Clean Air Policy (CCAP) * Centre for Environment Planning & Technology (CEPT), Ahmedabad *Center for Science and Environment (CSE) *Center for Sustainable Transport (CTS) Mexico * Center for Transportation and Logistics Studies (PUSTRAL), Gadjah Mada University * China Urban Transport Research Centre (CUSTReC) * Civic Exchange (CE) *Clean Air Asia (CAI-Asia)* Clean Air Institute (CAI) *Climate Focus *CODATU * Despacio *Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) * Dutch Cycling Embassy * Ecofys * EMBARQ, The WRI Center for Sustainable Transport * Energy Research Center Netherlands (ECN) * European Bank for Reconstruction and Development (EBRD) * European Cyclists' Federation (ECF) * European Institute for Sustainable Transport (EURIST)* First African Bicycle Information (FABIO) *Fia Foundation *Fraunhofer- Institute for Systems and Innovation Research (ISI)* Global Environmental Facility (GEF) * Global Transport Knowledge Partnership (gTKP) * Global Urban Development (GUD) *Green Mobility *Health Bridge * HSBC * Innovation for Center for Energy and Transportation (iCET) *International Council Local Environmental Initiatives (ICLEI) *Institute for Global Environmental Strategies (IGES) * Institute of Urban Transport India (IUTI)* Institute for Transport Policy Studies (ITPS)* Institute for Transport and Development Policy (ITDP) * Institute of Transport Studies (ITS), University of California, Davis * Inter-American Development Bank (IDB) * International Association for Public Transport (UITP) * International Energy Agency (IEA) * International Road Assessment Program (iRAP) *International Road Federation (IRF)* International Transport Forum (ITF) * International Union for the Conservation of Nature (IUCN) * International Union of Railways (UIC) * Korean Transport Institute (KOTI) *Mobility Magazine * National Center for Transportation Studies (NCTS), Philippines *Nordic Development Fund *Renewable Energy and Energy Efficiency Partnership (REEEP) * Society of Indian Automotive Manufacturers (SIAM) * Stockholm Environment Institute (SEI) *Sustainable Transport Africa *Tehran Urban and Suburban Railway Operation Company (TUSROC) * The Energy and Resources Institute (TERI) * Transport and Environment (T+E) * Transport Research Laboratory (TRL) * Uganda Road Sector Support Initiative *United Nations Center for Regional Development (UNCRD) * United Nations Department for Economic and Social Affairs (UN-DESA) * United Nations Development Program (UNDP) * United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) * United Nations Economic Commission for Europe (UNECE) * United Nations Economic Commission for Latin America (CEPAL) * United Nations Human Settlement Program (UN-HABITAT)* University College of London, Department of Civil, Environmental and Geomatic Engineering * University of Transport and Communication (UTCC) Hanoi * University of Twente/ITC-Department of Urban and Regional Planning (UTC) * VEOLIA Transport * Victoria Transport Policy Institute * Volvo Research and Education Foundations (VREF) *Walk 21 *World Bank * World Business Council on Sustainable Development (WBCSD) * World Health Organization(WHO) *World Streets * Wuppertal Institute for Climate, Environment and Energy * WWF International *Youth for Road Safety (YOURS)

“The SLoCaT network is a model for other action networks because of its strategic vision and leadership that resulted in the major commitments on sustainable transportation at Rio+20” – NRDC 2013 review of Rio+20 Voluntary Commitments

Established with sole objective to support the SLoCaT Partnership in achieving its objectives

Registered in the Netherlands – supervised by a nine-person Board

Secretariat based in Shanghai, China

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Paradigm shift on development of Transport

Predict and Provide
Build Roads to promote economic and social development

Then

Road safety
1.3 million deaths

Air Pollution
3 million deaths
(large part transport)

Climate change – transport
GHG fast growing

Congestion

Access not inclusive – large groups no access
(urban and rural)

Negative externalities of old paradigm:
6-10% of GDP at least 50 Trillion USD up to 2030

Access: (Avoid + Shift + Improve)

Now

Expand/Improve
Transport infrastructure and services

Avoid unnecessary motorized transport

Shift Transport to most effective mode
(people and goods)

Improve environmental performance transport

Economic benefits of new paradigm:

70 Trillion USD up to 2050 (International Energy Agency/2012) -100+ Trillion USD up to 2050 (ITDP/2014)

SLoCaT Results Framework

Vision 2030: Improving Access



Rural Access

Secure universal access by sustainable transport for rural populations by 2030



Urban Access
Target

Secure universal access by sustainable transport for urban populations by 2030



National
Access and
Regional
Connectivity

Facilitate national inclusion and regional connectivity by sustainable multi-modal freight and passenger services by 2030

SLoCaT Results Framework

Vision 2030: Reducing Negative Externalities



Road Safety

Halve road traffic deaths by 2030 compared to 2010



Air Pollution
and Human
Health

Halve premature deaths from road related traffic air pollution by 2030 compared to 2010



GHG Emissions

Total world transport-related GHG emissions peak no later than 2020 then begin to decline at 2% per year rate, with 2030 transport-related emissions no higher than 2010 emissions

SLoCaT Targets vis-à-vis proposed SDGs by **Open Working Group (7 out of 17!)**

Rural
Access

Road
Safety

Urban Access
Target

Air Pollution
and Human
Health

National Access
and Regional
Connectivity

GHG
Emissions

Proposed goal 2. *End hunger, achieve food security and improved nutrition, and promote sustainable agriculture*

Proposed goal 3. *Ensure healthy lives and promote well-being for all at all ages*

Proposed goal 7. *Ensure access to affordable, reliable, sustainable and modern energy for all*

Proposed Goal 9: *Built resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation*

Proposed goal 11. *Make cities and human settlements inclusive, safe, resilient and sustainable*

Proposed goal 12. *Ensure sustainable consumption and production patterns*

Proposed goal 13. *Take urgent action to combat climate change and its impacts*

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 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.

Key SLoCaT Products 2014 - 2015 and their linkage Key international Processes

Sustainable Development:

- *OWG – SDGs (July 2014, September 2015)*
- *Third Conference on Financing Development (July 2015)*
- *Habitat 3 (2016)*

Climate Change:

- *SG Climate Summit, September 2014*
- *UNFCCC COP 20, December 2014 Lima Peru*
- *UNFCCC COP 21, December 2015, Paris*

Results Framework on Sustainable Transport

Financing Framework on Sustainable Transport

Collaborative SLoCaT Work Program on Poverty and Sustainable Transport

Work Program on Transport and Climate Change (*with UNFCCC Secretariat*)

Rural Transport

Transport Tackles Climate Change @ Transport Day 2014

December 7th, 2014

Sheraton Lima Hotel, Lima, Peru



Transport Day
2014 • Lima

www.slocat.net/transportday2014



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Organized by:

Bridging the gap

Pathways for Transport in the Post 2012 Process



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Low Carbon Transport



Supported by:



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For additional information see:
<http://www.slocat.net>

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