

Editorial



Taking Transport's Momentum at Secretary General Ban Ki-moon's Climate Summit to Paris 2015 and beyond

Secretary General Ban Ki-moon's **Climate Summit** was a milestone for SLoCaT's efforts to promote the integration of Sustainable, Low Carbon Transport in global policies on climate change. Two headlines dominated reporting on the transport commitments during the Climate Summit: "**Shift to**

low-carbon mobility could save up to US\$70 trillion in fuel costs" and "**Climate Summit Commitments on electric vehicles, rail and public transport to reduce the carbon footprint of at least half of all the passenger and freight trips made by 2025**" These are good indicators of the potentially transformational impact of the transport commitments made last week in New York.

The SLoCaT Partnership actively contributed to the Climate Summit, first and foremost through its members, especially UIC, UITP, UN-Habitat, FIA Foundation and Clean Air Asia, who either were leading, or actively involved in one of the Transport Commitments. The SLoCaT Secretariat worked with UN-DESA in organizing the Transport Action Area in the Summit and had a lead role in the planning and facilitation of a Policy Session on Transport in the morning of 23 September with stakeholders supporting one of the transport commitments.

Also, the Climate Summit sparked two important analytical reports on Transport and Climate Change that had an active SLoCaT involvement. First "**A Global High Shift Scenario: Impacts and Potential For More Public Transport, Walking, And Cycling With Lower Car Use**" by SLoCaT members ITDP and UC-Davis helped to underpin Climate Summit related statements on the mitigation potential and associated economic savings of low carbon public transport. The joint Bridging the Gap and SLoCaT report "**Land Transport's Contribution to a 2°C target**" provides a clear set of recommendations to climate change and transport policy makers on how to best optimize land transport's contribution to climate change mitigation in the transport sector. Eight SLoCaT members contributed to the special **Transport and Climate Change Blog** on the SLoCaT website. Finally UIC and UN-DESA partnered with SLoCaT and Amtrak in organizing a one day High-Level Event "**On Track for Clean and Green Transport**", which was supported by the Bridging Gap Initiative, UNIFE and UITP as well as VIA Rail.

The Climate Summit was both the end of a process as well as the beginning of a process. The summit resulted in sometime clear and sometimes less clear statements on mitigation targets by heads of states. The implementation of the commitments announced, including those on transport, is yet to be done. Frequent references were made to Lima 2014 and Paris 2015, when an ambitious new global climate change agreement needs to be agreed. Land transport has so far not been featured dominantly in the UNFCCC process and in the discussion on a new global climate change agreement. Why should we be more hopeful after the Climate Summit that this can change?

First, there is growing acknowledgement of the specific contribution that transport needs to, and can, make towards the realization of a 2°C target. In simple terms, without a significant contribution by the transport sector, overall mitigation efforts of other economic sectors will not add up to the emission reductions required for a 2°C target.

Second, the transport sector is stepping forward with comprehensive and ambitious proposals that can

fundamentally transform the contribution of transport to climate change. Commitments by the transport sector covered both passenger and freight transport and within the land transport sector covered all major modes of transport (private cars, railways, and public transport, while acknowledging the importance of walking and cycling). The transport contribution to climate change mitigation was also well illustrated in a hand-out that all participants to the Climate Summit received "[60 Solutions: Against Climate Change](#)"; 12 out of 60 climate change solutions offered in the book are showcasing sustainable transport's contribution to climate change mitigation.

Third, it is increasing acceptance that sustainable, low carbon transport is economically more attractive than a business-as-usual scenario for the transport sector; see in this context the US\$ 70 trillion savings by 2050. Also, transport planners and policy makers gradually realize that the adoption of low carbon transport can simultaneously contribute to sustainable development by improving road safety, air quality and energy security, while reducing congestion.

Fourth, discussions at the Climate Summit between the SLoCaT Partnership and the international aviation and shipping community create for the first time concrete possibilities of a joint and comprehensive approach by the transport sector towards climate change.

Our next challenge now is to ensure that the momentum that we realized in the Climate Summit, translates into future action. COP 20 in Lima, Peru and COP 21 in Paris, France will in that respect be the next milestones for SLoCaT. We hope to see many of you at [Transport Day 2014](#) on December 7, 2014 in Lima where we will look back at the Climate Summit and discuss how to move forward in achieving a new global climate change agreement that will fully utilize the contribution of the transport sector. Editorial: Taking Transport's Momentum at Secretary General Ban Ki-moon's Climate Summit to Paris 2015 and beyond.

The SLoCaT-BtG Joint Report on Land Transport's Contribution to a 2C scenario

The [Bridging the Gap Initiative \(BtG\)](#) and the [SLoCaT Partnership](#) in preparation of the Climate Summit developed a joint paper titled "[Land Transport's Contribution to a 2°C target](#)". The paper provides key messages for climate change negotiators and policy makers on the potential contribution of the land transport sector to global climate change mitigation strategies. The report summarises key facts on the mitigation potential in the land transport sector for both passenger and freight, institutional and global governance perspectives and financing requirements. [Read more...](#)

Transport Commitments at the Climate Summit



On September 23rd, in the Transport Action Area session chaired by Connie Hedegaard, European Commissioner for Climate Action and Kamla Persad-Bissessar Prime Minister of Trinidad and Tobago four commitments on transport were **presented**: (i) International Union of Railways (UIC) Low-Carbon Sustainable Rail Transport Challenge; (ii) The International Association of Public Transport (UITP) Declaration on Climate Leadership; (iii) The Urban Electric Mobility Vehicles Initiative (UEMI); and (iv) International Civil Aviation Organization (ICAO) and Air Transport Action Group (ATAG) Action Plan. The first three of these commitments are summarized in the [Joint Action Statement on](#)

Transport. Read also the formal [UN Press Release](#), which highlights the large cumulative economic savings of up to \$70 trillion by 2050 that can be achieved through the full implementation of the Climate Summit transport commitments and a comprehensive adoption and implementation of low carbon transport policies.

Apart from these four commitments under the Transport Action Area, commitments on Global Fuel Economy and Global Green Freight were presented under the Energy and the Industry Action Areas.

Endorsement of Transport Related Pledges At The Un Secretary General's Climate Summit

On the occasion of the Climate Summit, the African Development Bank on behalf of the world's eight largest multilateral development banks issued a [statement](#), expressing support for the transport action area commitments in the Climate Summit. The statement states that, "[the 8 MDBs] who made a [joint and voluntary \\$175 billion Commitment to Sustainable Transport](#) at the 2012 United Nations Conference on Sustainable Development, encouraged by the initiatives of a range of organizations that are developing actionable commitments for the UN Climate Summit 2014 in the areas of electric mobility, fuel economy, green freight, public transportation, and railways. We believe that these initiatives have the potential to help accelerate the successful implementation of our Commitment. Our MDBs wish to express support for these efforts and confirm our willingness to consider providing lending and non-lending support for such activities, if requested by our developing member countries or other eligible project promoters."



Transport Action Area

International Association of Public Transport (UITP) Declaration on Climate Leadership

- UITP confirms public transport's leadership in climate action and brings around 350 commitments and actions from 110 public transport undertakings.
- Actions aimed at giving a greater role to public transport in mobility help decrease the regions carbon footprint. For example every additional tonne due to more public transport in New York and Rio, delivers a reduction of up to 7 tonnes of wider CO2.
- Actions will also help organisations meet their emissions reduction targets, such as London's public transport stretch target to cut emissions of CO2 per passenger km by 40% by 2025 and Montreal's GHG emissions intensity (g CO2e/passenger-km) reduction targets by 20% by 2020;
- These actions will also support UITP's goal to double the market share of public transport by 2025, which would prevent half a billion tons of CO2 equivalent in 2025.

"Successful and sustainable cities don't happen by accident. You get what you plan for. If you plan for attractive, clean, efficient and socially integrated cities with a strong public transport backbone – that is what you should get."

- Gunnar Heipp, Director of Strategy and Planning, Munich Transport Authority and Chairman of the UITP Sustainable Development Commission

More information of UITP's transport commitment can be found at:

- [International Association of Public Transport Action Plan](#)

- [UITP Press Release Statement](#)
- [UITP Climate Action and Public Transport: Analysis of Planned Actions](#)
- [Interview with Gunnar Heipp, Director of Strategy and Planning, Munich Transport Authority and Chairman of the UITP Sustainable Development Commission](#)



The International Union of Railways (UIC): Low-Carbon Sustainable Rail Transport Challenge

- 50% reduction in CO2 emissions from train operations by 2030, and 75% reduction by 2050 (specific average CO2 relative to a 1990 baseline – ie. reduction of emissions per passenger/km + tonne/km)
- 50% reduction in energy consumption from train operations by 2030, and 60% reduction by 2050 (specific final energy relative to a 1990 baseline)
- 50% increase in rail's share of passenger transportation by 2030 and doubling by 2050 (2010 baseline)
- Rail freight activity equal to that of road by 2030, and exceeding road freight volumes 50% by 2050

"Sustainability is embedded at the heart of our business...It is the rail sectors responsibility – as the backbone of sustainable transport systems – to provide solutions to climate change."

– Jean Pierre Loubinoux, Director General of International Union of Railways

More information of UIC's transport commitment can be found at:

- [UIC Low Carbon Rail Transport Challenge-Action Plan](#)
- [UIC Press Release Statement](#)
- [Interview with Jean Pierre Loubinoux, Director General of International Union of Railways](#)



The Urban Electric Mobility Vehicles Initiative (UEMI)

- Increase the market share of electric vehicles in cities to least 30%, of all new vehicles (incl. cars and motorized 2-3 wheelers) sold on annual basis by 2030 while simultaneously developing the enabling infrastructure for their effective use;
- Through increased use of electric mobility for passenger transport (both private and public) as well as freight transport combined with measures to reduce the need for individualized motorized transport and increased use of public and non-motorized transport achieve a 30% reduction of CO2 emissions in urban areas by 2030.

"Cities are the engines of economic growth and social development and have a key role in the efforts to reinin climate change."

Dr. Joan Clos, Executive Director, United Nations Human Settlements Programme (UN-Habitat)

More information of UN-Habitat's transport commitment can be found at:

- [Urban Electric Mobility Initiative-Action Plan](#)

- [Interview with Dr. Joan Clos, Executive Director, United Nations Human Settlements Programme \(UN-Habitat\)](#)



Aviation

In advance of the UN Climate Summit, International Civil Aviation Organization (ICAO) and Air Transport Action Group (ATAG) are stepping up efforts with further commitment and partnership to achieve the ultimate vision of a sustainable international aviation sector by:

- Supporting the development of sustainable alternative fuels for aviation;
- Continuing the deployment of new technology aircraft and operational improvements;
- Accelerating the transformation of global air traffic management performance;
- Working with partners to develop a global CO2 standard for new aircraft;
- Working with partners to design and implement a global market-based measure for international aviation; and
- Working together to further efforts for capacity building in Member States across the world

"Working cooperatively, our sector is taking proactive and concrete actions which will continue improving air transport fuel efficiency and stabilize the sector's net carbon dioxide (CO2) emissions from 2020."

- Dr. Olumuyiwa Benard Aliu, Council President, of International Civil Aviation Organization

More information of ICAO's transport commitment can be found at:

- [Aviation – Action Plan](#)
- [Aviation – Action Statement](#)



Energy Action Area

Global Fuel Economy Initiative

To improve the fuel economy of all new vehicles by 50% by 2030, and all vehicles by the same amount by 2050, going to from an average of 8l/100 to 4l/100 km. Working closely with Governments, consumers, producers and other stakeholders to promote improvements in the fuel economy of the global fleet in order to achieve these targets.

"So, the job is far from done. We have many new countries and others with whom we have begun to engage because of this Accelerator process, but we want to do more."

-- Sheila Watson, Director of Environment at FIA Foundation

More information on the GFEI commitment can be found at:

- [Global Fuel Economy Website](#)
- [Interview with Sheila Watson, Director of Environment, FIA Foundation and Executive Secretary, Global Fuel Economy Initiative](#)



Industry

Reducing Short-Lived Climate Pollutants – A Global Green Freight Action Plan

- Aligning and enhancing existing green freight efforts through knowledge sharing, peer-to-peer partnerships, and government-industry exchanges that will build a bridge between policy makers, business leaders and civil society at the global level;
- Identifying ways to incorporate black carbon, particulate matter and other air pollutant emission reduction calculations in green freight programs; and,
- Expanding or improving green freight programs in interested countries.

"We will support countries in developing their programs and work on concrete options to reduce greenhouse gas and black carbon emissions from freight, initially working with Bangladesh, Mexico and Vietnam."

-- Sophie Punte, Executive Director, Smart Freight Centre

More information of the Global Green Freight Action Plan can be found at:

- [A Global Green Freight Action Plan- Action Statement](#)
- [Climate and Clean Air Coalition to Reduce Short Lived Climate Pollutants Action Statements and Action Plans](#)
- [Interview with Sophie Punte, Executive Director, Smart Freight Centre](#)

Transport & Climate Blog on the SLoCaT Website

SLoCaT Partnership created the [Transport Blog @ Climate Summit](#) as a platform for leading experts on sustainable transport to share their insights in anticipation of the Climate Summit.

The Blog features 8 experts speaking about walking, rail industry, as well as road safety and rural transport and their relationship to climate change:

- [The Vital Role of Rural Transport](#)
by Robert Petts, Rural Transport Adviser to SLoCaT Partnership and AFCAP
- [Three Big Opportunities for Meaningful Progress on Climate Change at Climate Summit](#)
by Holger Dalkmann, Acting Global Director Cities And Transport - Director EMBARQ, World Resources Institute (WRI)
- [Climate Change: the European Rail Industry on the Frontline](#)
by Philippe Citroën, Director General of UNIFE
- [Making the connection between cross-sectoral transport planning and climate change adaptation in developing countries](#)

- by Leena Klossner, Deputy Director, Nordic Development Fund (NDF)
- [More Cycling – we have a strong case!](#)
by Dr. Bernhard Ensink, Secretary General of European Cyclists' Federation and World Cycling Alliance
- [New Roadmap for Low Carbon Inclusive Urban Transportation](#)
by Michael Replogle, Managing Director Policy and Founder, Institute for Transportation and Development Policy (ITDP)
- [Improving road safety is part of the Climate agenda](#)
by Saul Billingsley, Director General, FIA Foundation
- [Walking: more footprints = less carbon](#)
by Bronwen Thornton, Development Director, Walk 21

On Track for Clean and Green Transport: A High Level Event on Transport and Climate Change



On September 22, one day before the Climate Summit, the SLoCaT Partnership together with the International Union of Railways (UIC), Amtrak and the United Nations Department of Economic and Social Affairs organized a high level event on transport and climate change, titled "[On Track for Clean and Green Transport](#)". The high level event was supported by the International Association of Public Transport (UITP), the

European Rail Industry (UNIFE), the Bridging the Gap Initiative and the Canadian rail operator Via Rail.

The event started with the Keynote Address by José Viégas, the Secretary General of the International Transport Forum – OECD. During the morning session the participants took a close look at the role that railways can play as the backbone of sustainable transport systems. In the afternoon the discussions focused on climate change mitigation potential of the transport sector in the context of commitments to be presented at the [UN Secretary's General's Climate Summit](#). The day ended with a closing reception to celebrate the progress being made in advocating sustainable, low carbon transport.

Reports on Sustainable Transport and Climate Published around the Climate Week



[Land Transport's Contribution to a 2°C target](#)

By [Bridging the Gap Initiative](#) and the [Partnership on Sustainable, Low Carbon Transport](#)

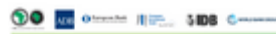
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requirements. [Read more...](#)

A Global High Shift Scenario: Impacts and Potential For More Public Transport, Walking, And Cycling With Lower Car Use

by Michael A. Replogle and Lewis M. Fulton

More than \$100 trillion in cumulative public and private spending, and 1,700 megatons of annual carbon dioxide (CO₂)—a 40 percent reduction of urban passenger transport emissions—could be eliminated by 2050 if the world expands public transportation, walking and cycling in cities, according to a new report released by the University of California, Davis, and the Institute for Transportation and Development Policy. [Read more...](#)



Joint Report on MDB Climate Finance, 2013

By AfDB, ADB, EBRD, EIB, IDB, and the WB Group

Averting dangerous climate change requires mobilizing financial resources from a wide range of sources, as described in the 2013 joint report on climate finance in developing countries by a group of leading multilateral development banks (MDBs). [Read more...](#)



The New Climate Economy: Better Growth, Better Climate

by Global Commission on the Economy and Climate

Tackling climate change can increase rather than inhibit prosperity, according to a new study co-authored by Lord Stern and the [Global Commission on the Economy and Climate](#). The report states that countries at all levels of income can build lasting economic growth while reducing the immense risks of climate change, and that the next 15 years will be critical, as the global economy undergoes a deep structural transformation. [Read more...](#)



60 Solutions: Against Climate Change

by GoodPlanet Foundation

The [GoodPlanet Foundation](#) has compiled a set of 60 climate change solutions in a limited-edition book titled, "[60 Solutions: Against Climate Change](#)" which is distributed to all participants of the Secretary General's Climate Summit with the hope of inspiring decision makers to take positive actions. 12 out of 60 climate change

solutions offered in the book are showcasing sustainable transport's contribution to climate change mitigation. In the section titled "**Towards Global Mobility**", **Christiana Figueres**, Executive Secretary of the **United Nations Framework Convention on Climate Change** notes, "*Mobility with ease and in comfort has always been an icon of civilization. Energy efficient and zero emission forms of transportation can take that iconic status to a whole new level. That is the ultimate goal and reward for a sector that with creativity and vision can continue to provide ever increasing levels of mobility but in a way that meets the environmental realities of the 21st century..*" [Read more...](#)

Registration is now open for Transport Day 2014



Transport Day 2014: Transport tackles climate change

Following up the success of **Transport Day 2013** in Warsaw, Poland; the Partnership on Sustainable, Low Carbon Transport and Bridging the Gap Initiative will also organize a Transport Day on Sunday December 7th, 2014 in the context of COP 20, which will this year be in Lima, Peru.

The slogan of the **Transport Day 2014** is "Transport Tackles Climate Change". The proposed focus on action is in line with the outcome of the November 2013 session of the Ad Hoc Working Group on the Durban Platform for Enhanced Action (ADP), which called for a more active integration of successful mitigation efforts by parties outside the convention into the deliberations on a new global climate change agreement and the discussions at the 2013 Transport Day. The 2014 Transport Day motto is also very much in line with the outcome of the Climate Summit that resulted in the requested "bold pledges that can scale-up and deliver concrete action that will close the emissions gap and put the global community on track for an ambitious legal agreement through the UNFCCC process".

Transport Day 2014 is by CAF-Development Bank of Latin America and Inter-American Development Bank (IDB) as major supporters; together with EMBARQ, European Cyclists' Federation (ECF), Fia Foundation, German International Cooperation (GIZ), the International Association for Public Transport (UITP); Institute for Transportation and Development Policy (ITDP); Transport Research Laboratory and UNIFE-the European Rail Industry as secondary supporters.

If you would like to participate in Transport Day 2014, please register by clicking [here](#). For more information on Transport Day 2014, please contact Talya Enriquez Romano at Talya.enriquezromano@slocatpartnership.org or Heather Allen at h.allen@trl.co.uk.