



One-day workshop on

**“Scaling up Sustainable Transport Solutions to improve quality of life in cities”**

**Date:** 18<sup>th</sup> November 2014

**Time:** 8:30 am – 4:00 pm

**Venue:** Seminar Room, Regional Center for Lighting (RCL), Block 5 Level 2, BMICH, Baudhaloka Mawatha, Colombo-07, Sri Lanka

**Organizers:** UNCRD, Clean Air Asia (CAA), GIZ-SUTP, Sri Lanka Sustainable Energy Authority (SLSEA)

**Background**

Cities around the world are facing unprecedented challenge: a challenge of creating an urban ecosystem which allows people to live and travel from home to work at a low cost without causing environmental or other problems for fellow urban residents. While the world continues its march towards development of efficient transport systems, it also faces urgent global challenges, such as climate change, depletion of natural resources, traffic related accidents and population growth, all of which need to be addressed simultaneously. The complexity, size and scale of these challenges require cooperation among states, regions, organizations and various sectors of society. Thus, transportation sector needs to shift towards a more sustainable path or solutions.

Sustainable transport solutions are solutions that meet the need of all residents regardless of their income; protect, preserve and enhance the health of the residents; and are not damaging to the present and future conditions for life. Sustainable solutions reduce energy consumption, reduce the space requirements for transport, reduce pollution and improve the welfare of disadvantaged groups such as the poor, the elderly, the handicapped and young children.

**Objective**

The objective of the 1-day training course is to provide insights on the link between land transport and climate change and to discuss strategies regarding the provision of sustainable transport. The course will be delivered in three interactive sessions, such as:

- Tackling Climate Change by integrating land-use and transport planning
- Promoting low-carbon choices
- Using market mechanisms to encourage a shift to lower carbon transport



## Official Partners

GIZ-SUTP, United Nations Centre for Regional Development (UNCRD), Clean Air Asia (CAA), Sri Lanka Sustainable Energy Authority (SLSEA)

## Agenda

Sessions	Title
1	Tackling Climate Change by integrating land-use and transport planning
2	Promoting low-carbon choices
3	Using market mechanisms to encourage a shift to lower carbon transport

### 1. Tackling Climate Change by integrating land-use and transport planning

With climate change, weather impacts on transport, such as flooding, subsidence and storms are expected to become more frequent and more extreme in the coming time. The effects of climate change on transport system and the urban population are likely to increase. Already, the existing transport systems, in many developing cities, are inadequate to cope well with such events. Since transport is the lifeline of any urban system, there is a need to act at the local level. Nevertheless, until now little attention has been paid to the vulnerabilities of urban transport networks in context of climate change and how to make them more resilient.

This session intends to raise awareness amongst the participants by describing the expected impacts of climate change on urban passenger transport and means to integrate climate proofing mechanisms into urban transport planning and policy implementation. The session would lay emphasis on incorporating the adaptation and mitigation strategies within the existing urban transport planning process as part of a sustainable urban development.

### 2. Promoting low-carbon choices

The transport sector alone, according to the World Resources Institute (2005), accounts for 24.1% of CO<sub>2</sub> emissions worldwide. Although there are many technological related measures taken up to reduce the transport emissions, but they are not enough on their own. This session would explain the need for cities to develop strategies which encourage people to shift to more environmentally friendly modes of transport.

This means shifting private car travel to lower carbon modes such NMT (walking and cycling), shift to formal public transport options (bus, rail and other forms of mass rapid transit) and strengthening the attractiveness of these travel modes. Means of encouraging integration of transport networks i.e. combining different modes and enhanced possibilities for intermodal



exchange facilities for movement of people (e.g., between NMT and formal public transport) would also be briefly discussed.

### **3. Using economic mechanisms to encourage a shift to lower carbon transport**

It would be unfair to let our future generation pay the cost of climate change decisions that we make today. Thus, the prices of our goods and services should reflect the full costs that they impose on society. Factoring carbon costs into the prices we pay for transport provides incentives for people who use modes which are either more energy-efficient or which opt for lower carbon alternatives. It also sends the right long-term signals for investment.

The session would present different ways of decarbonizing transport systems – provision of various incentives for development and quicker adoption of new technologies; as well as factors that influence the choices that we all make in using transport networks. Different regulatory or financing instruments which could be utilized to encourage the shift to low carbon transport can be discussed such as:

#### *National Level Financing Schemes*

- Annual vehicle registration
- Fuel levies
- Parking fees
- Congestion charging
- Emphasis on development of National Urban Transport Fund

In addition, making participants aware of the *Global Financing schemes* like

- CDM
- Awareness of Climate Investment Funds
- Clean Technology Funds
- NAMAs

#### **Note:**

- Participants will receive a certificate and a data stick with all related materials.
- Participants are requested to register by sending an email containing name, agency, position, country to [vedant.goyal@giz.de](mailto:vedant.goyal@giz.de) with a copy to [baq@cleanairasia.org](mailto:baq@cleanairasia.org) on or before 31 October 2014.



One-day workshop on

**“Scaling up Sustainable Transport Solutions to improve quality of life in cities”**

**Organizers:** UNCRD, Clean Air Asia (CAA), GIZ-SUTP, Sri Lanka Sustainable Energy Authority (SLSEA)

**Date:** 18<sup>th</sup> November, 2014

**Venue:** Seminar Room, Regional Center for Lighting (RCL), Block 5 Level 2, BMICH, Bauddhaloka Mawatha, Colombo-07, Sri Lanka

Sessions	Duration	Timings	Title	Potential Content Partners
1	30 min	08:30 – 09:00	Registration	GIZ-SUTP
2	15 min	09:00 – 09:30	Opening Remarks and Introduction of Participants	Jointly with diff. partners
3	30 min	09:30 – 10:00	Sustainable Transport and Climate Change – An overview	GIZ
4	75 min	10:00 – 11:15	Tackling Climate Change by integrating land-use and transport planning	GIZ
		11:15 – 11:30	Discussion	
		11:15 – 11:30	Tea Break	
5	75 min	11:30 – 12:45	Transitioning towards Low Carbon Transport (Promoting low-carbon choices)	GIZ
		12:45 – 13:00	Discussion	
	60 min	13:00 – 14:00	Networking Lunch	
6	75 min	14:00 – 15:15	Using economic mechanisms to encourage a shift to lower carbon transport	Clean Air Asia (CAA)
		15:15 – 15:30	Discussion	
7	15 min	15:30 – 16:00	Concluding remarks, wrap-up and followed by tea-break	Jointly with partners