

During the last 30 to 40 years with mitigation of climate change in focus, considerable progress has been made in promotion of mitigation in the transport sector. With climate change and increase in the frequency of extreme weather events, some first activities on adaptation in the transport sector are taking place, including those by a number of bilateral and multilateral development organizations. While these efforts have been important in improving the knowledge base, much greater and vast work remains, in particular in the context of urban transport.

Countries are investing enormously in transport infrastructure and such spending needs to increase substantially to respond to the desire for greater mobility and connectivity. Building resilience in the entire existing and new urban transport infrastructure, road and rail networks or public transport system, to respond to extreme weather events should be high on the agenda. While it is of utmost importance to plan the urban transport system to respond to mitigation to climate change, these plans should integrate the adaptation of the transport system to the climate change. Mitigation and adaptation plans should be integrated in an urban context.

There is an urgent need for a much comprehensive approach to address adaptation and resilience of the transport system, especially in the context of urban areas in the rapidly growing economies, with a rapid pace of urbanisation. CLIMATRANS project, a multidisciplinary research project, financed by the Research Council of Norway, in cooperation with Institute of Transport Economics (TOI) and Meteorological Institute (MET) in Norway and School of Planning and Architecture, Delhi (SPA), Indian Institute of Science, Bangalore (IISc), Indian Institute of Technology Mumbai (IITB) and The Energy and Resources Institute (TERI), is an endeavour to respond to these challenges. This workshop brings together experts in the field of climate change adaptation to search opportunities for advancement on this subject.

Some suggestions for the panel:

Professor Sanjay Gupta (SPA), CLIMATRANS project partner

Professor Yoshi Hayashi (Nagoya University)

Dr José Viegas (Secretary-General of the International Transport Forum)

Dr Gunnar Lindberg (TOI)

Dr Nancy Vandycke (The World Bank Group)

Mr. Holgar Dalkmann (World Resources Institute)

Dr. Ashish Verma (IISc) CLIMATRANS project partner

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