

ABOUT CSIR-NEERI

CSIR-NEERI is a constituent laboratory under Council of Scientific and Industrial Research (CSIR), New Delhi and has a nationwide presence with its five Zonal Centers located at Delhi, Mumbai, Chennai, Kolkata and Hyderabad with its Headquarters at Nagpur. CSIR-NEERI is devoted to research and innovations in Environmental Science and Engineering besides solving a range of environmental problems faced by the Industries and Public.

CSIR-NEERI, Delhi Zonal Centre (DZC) established in 1959, is a supporting arm of CSIR-NEERI Head Quarter, Nagpur for its activities in the Northern Region. Presently DZC has well-equipped laboratory with various sophisticated instruments and expertise in various environmental fields. DZC is handling number of Consultancy & R&D projects.

VENUE OF EVENT

The workshop will be organized at NASC, Pusa, New Delhi.

CONVENER

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ONE DAY WORKSHOP

on

Sustainable Mobility in Delhi NCR & Beyond:

How to Achieve more from Efforts?

March 13th 2018, New Delhi



Organized by

**CSIR-National Environmental Engineering
Research Institute (NEERI), Nagpur**



AN ISO 9001 : 2000 ORGANISATION

BACKGROUND

Delhi NCR has been struggling to improve its air quality, which is deteriorating rapidly since last several years. Exposure to high pollutant concentrations leads to a broad spectrum of acute and chronic health problems in addition to serious environmental impacts. Delhi air pollution problem is complex with lots of unidentified, un-accounted and unregulated sources, which vary from season to season, time of the day and location of the city and also due to pollution from neighbouring states. The sources of air pollution in Delhi city are both natural as well as anthropogenic. The growth in urban population and associated increased volume of motorised traffic are significantly contributing to air pollution. Further, large number of older vehicles coupled with poor vehicle maintenance, inadequate road infrastructure & mass transportation as well as fuel quality issues lead to high exhaust emissions. The Government / regulatory agencies have taken various measures to curb emissions from automobiles with considerable investments. Various recommendations from Auto Fuel Policy have been adopted for reduction of vehicular pollution through improved engine technology, fuel quality, after-exhaust emission control devices, alternative fuels, introduction of Bharat Stage (BS) Norms (equivalent to EURO standards), restriction/ban on diesel / petrol vehicles older than 10 and 15 years, respectively; mandatory use of cleaner fuels (CNG/LNG) in commercial and public transport; restrictions on movements of heavy vehicles in the city during daytime; declaration of low emission zones; road space rationing etc. Recently, GoI has decided to leapfrog to BS VI norms in 2020 from BS IV with an amendment in Central Motor Vehicles Rule, 1989. In spite of the above actions, the air pollution in Indian cities like Delhi is still exceeding the specified standards, which suggests that the desired impacts of these interventions could not be achieved fully.

The aim of this one day Workshop is to provide a platform for the experts from Academic, Research and Health institutes, NGOs, Automobile industry and related Government Institutes, to critically discuss the issue of automobile pollution to assess the benefits from efforts so far and more importantly to suggest effective measures to achieve Sustainable Mobility in Delhi NCR & Beyond.

TECHNICAL PROGRAMME & SCHEDULE (PROVISIONAL)

9:00 - 09:30	Registration	
09:30 - 10:30	Inaugural Session - Introduction to the Workshop - Inaugural addresses	
10:30 -11:00	High Tea: Participants Interaction & Networking	
11:00 - 12:00	Panel Discussion 1: Air Pollution Issues in Delhi NCR: More realistic assessments of Contributions from automobiles and other sources including health based assessments	Panellists from DPCC, CPCB, ARAI, AIIMS, IIT-D, NEERI
12:00 - 13:00	Panel Discussion 2: Control of automobile emissions: Review of efforts so far, benefits accrued, returns on investments & efforts	Panellists from CPCB, SIAM, ARAI, MORTH, MOEFCC, CSE
13:00-13:45	Networking Lunch	
14:00- 15:30	Panel Discussion 3: Automobile Pollution Control: Less addressed issues: Y Status of ECDs with ageing Y Replacement & Retro fitment Options Y Carbon & environmental footprints of automobiles, End-of-Life Policies	Panellists from DPCC, ECMA, NEERI, TERI, MORTH, Industry, ARAI
15:30 - 16:00	Tea	
16:00- 17:00	Panel Discussion 4: Improved & Alternate Mobility: How to make it more effective and feasible ? Y Electric vehicles and issues Y Cleaner and renewable fuels Y Mass transportation: BRTS and other options Y Traffic management, Parking issues	Panellists from NCR Planning Board, IIP, MORTH, Industry, SIAM, ARAI, CRRI, MOPNG.
17:00- 17:45	Concluding Session: Recommendations on a Time bound action plan to achieve better returns from emission control efforts in Delhi and NCR.	MOEFCC, CPCB, ARAI, SIAM, MORTH, DPCC Moderated by: Dr. Rakesh Kumar
	Vote of Thanks	