UNDERSTANDING VEHICULAR POLLUTION: A PLEASING CHALLENGE IN CITIES

Course dates: July 26 to August 8, 2021

Course structure:
This online training course will be conducted on the Moodle and Zoom platform through a variety of tools such as recorded video lectures, classroom exercises, reading materials and resources, audio/visual methods including short films and interviews, and interactions with key experts. The programme will cover the following:

MODULE 1: Understanding urban air pollution, public health and special challenge posed by the vehicle sector

MODULE 2: How vehicle technology roadmaps has evolved to reduce emissions from vehicles. What more is needed to control real world emissions.  

MODULE 3: Strategies for on-road emissions management – current and new generation strategies for inspection and maintenance of vehicles and on-road emissions monitoring

MODULE 4: How electric vehicle programme can help

MODULE 5: Public transport strategies to reduce emissions with special focus on bus transport reforms

MODULE 6: Non-motorised transport strategies for zero emissions mobility

MODULE 7: Urban planning, transport integration and compact urban form

MODULE 8: Restraint measures to reduce vehicle miles travelled – designing parking policy as a demand management measure and understanding global practices like congestion charging, low emissions zones etc

Who can apply:
- Government officials from different departments involved with transport sector policies and strategies
- Professionals and practitioners helping with strategy development in cities
- Academicians and researchers
- Students aiming to enrich curriculum and shaping careers in this sector

Course fee:
Rs 3,500 for Indian participants
US $100 for International participants

For more information, please contact:
Shourabh Gupta  
Mobile: +91-8826806794  
Email: shourabh.gupta@cseindia.org

Priyanka Chandola  
Mobile: +91 – 9810414938  
Email: priyanka@cseindia.org

Under the national clean air programme 122 cities are implementing clean air action plans to meet the target of reducing particulate pollution by 20-30 per cent by 2024. Transport sector emissions a pollution major source of special challenge as they account for 20 per cent of total emissions. This includes enforcement strategies, phase out of old vehicles and also setting targets and implementation strategies for reducing transport emissions. At the same time freight transportation and urban planning strategies need to be developed to reduce transport emissions. This includes understanding the role of sustainable transport options such as walking, cycling, and public transport in reducing emissions. The objectives of this training course are to convey the interconnectedness of strategies needed to control vehicular pollution. This includes technology roadmaps, enforcement and monitoring strategies, on-road emissions monitoring, clean air action plans such as low emission zones, parking policy and urban planning to reduce the vehicle miles travelled Strategies need to be designed and develop for scale and effective impact for sustainable and green transport management. This is essential for effective transport and urban planning policies to be effective and successful in action. It is important to build capacity and a new cadre of professionals, public goods monitored professionals, enhance understanding, and build capacity for implementation and strategic management of strategies to reduce vehicular emissions.