Focus of the discussions

India is the only vehicle-producing region in the world which has leapfrogged directly from Bharat Stage IV (BS IV) to Bharat Stage VI (BS VI) emissions standards (by skipping the BS V stage). This is expected to give enormous emissions benefits from the new BS VI-compliant vehicles to be sold from April 1, 2020 onwards. These will be at least 80-90 per cent cleaner than the current fleet of BS IV vehicles.

However, to sustain the emissions gains from the new fleet, cities need on-road emissions management to ensure these vehicles remain low emitting during their productive life on road and their real-world emissions do not deteriorate. At the same time, the overall emissions inspection of the entire on-road fleet has to improve so that high emissions from the legacy fleet does not negate the benefits of this advancement. BS VI emissions control technologies will be significantly more advanced and sensitive to maintenance and will require a paradigm shift in the way we currently monitor tailpipe emissions. It is important to sensitise the implementing agencies about the genre of this new technology, new generation emissions inspection approaches like remote sensing, regulatory changes for real world emissions monitoring and additional infrastructure and quality control needed for autograde urea dispensation to enable NOx control systems in diesel vehicles.

This workshop will bring together the specialists to engage with the implementing agencies and regulators of the larger Mumbai region in Maharashtra.
The day’s programme

Registration and Tea: 10.30-11.00 AM

Opening Remarks
Satish Sahasrabudhe
Additional Transport Commissioner
Department of Transport, Government of Maharashtra

Keynote Address – Preparing for the new generation technologies
S Channe, IAS
Transport Commissioner
Government of Maharashtra

Setting the agenda for vehicle technology transition in states
Anumita Roychowdhury
Executive Director
Research and Advocacy, Centre for Science and Environment

Understanding Bharat Stage VI technologies and on-road emissions management — the global learning curve
Anup Bandivadekar
Programme Director and Regional Lead
International Council on Clean Transportation, USA

New generation BS VI regulations and the technology
S S Thipse
Senior Scientist
Automotive Research Association of India (ARAI)

Preparing for autograde urea dispensation infrastructure and quality control of auto grade urea for NOx control in BS VI vehicles
P. Saktivel
Sr. Research Manager
IOC R&D Centre

Mr. Zubeen Garg,
Dy General Manager I/c (Institutional Business)
IOC R&D Centre

Open house discussion
How to prepare for the next generation on-road emissions management

Lunch: 2:15 PM

For more information
Contact Swagata Dey at 9810774139