



ECT-2016

Emission Control Technology for Sustainable Growth

November 9 - 10, 2016

India Habitat Centre, Lodhi Road, New Delhi, India

Event Organised by:



Emission Controls Manufacturers Association
New Delhi, INDIA

Ever since its inception in 2002, ECMA has come a long way and has made significant contributions in creating awareness about environment.

When in the planning stages for our **9th International Conference**, Emission Control Manufacturers Association's aim was to create a large and diverse Technical Forum to date. This International Conference will certainly create a wider platform for learning the intricacies of Emission Control Technologies and its benefits towards Ambient Air Quality.

This year is special as India is leapfrogging from **BS-IV to BS-VI** standards which has never been tried by any country, not even the Advanced Countries where combatting of ill effects of Vehicular Pollution has been implemented for over three decades.

We plan to introduce dedicated streams for Medium and Heavy-duty Vehicles (< & > 3.5 tons.), as well as launch a Special Session on “**Adoption and Experiences of EU Nations while Embarking on Euro VI**” and “**Implementation and Challenges of RDE**”. India has the largest number and percentage share of 2/3 Wheelers in our Automobile Industry and thus we cannot

overlook emissions from this sector. The interactive Sessions will bring forth detailed insight and analysis than ever before.

To conserve the global environment and achieve a sustainable society, it is necessary to limit environmental impact to a level within the Earth's self-recovery capabilities. To meet this requirement, we must first envision an ideal society and global environment; then we must create a long-term vision to realize our ideals and aggressively promote environmental conservation activities. Global environmental conservation is a challenge for which there is no second chance, and we will never be able to realize our vision if we act on short-term goals.

The 9th International Conference - “**Emission Control Technology for Sustainable Growth**” is all about this specific purpose: the Long-term Vision for Sustainable Environment.

This two day Seminar would have world-renowned speakers from Government / OEM's and International Experts in Emission related Technologies sharing their vision, knowledge and experiences for the future.

Global Participation

This international Forum would draw its attendance from Government of India (MoRT&H, MoE&F, MoP&NG, Dept. of Heavy Industry, CPCB, and Bureau of Energy Efficiency), R&D Institutes / Test Agencies / NGO's (NATRIP, ARAI, ICAT, VRDE, IOCL, IIP, TERI, NEERI, CSE), Associations (SIAM, ACMA, IDEMA, TMA), Foreign Government Bodies / Associations (EPA, CARB, EC, AECC, MECA, ACFA, HEI, ICCT) and OEM's representing the On-road /Off-road Industry.

Just as in our earlier events it is expected to see a battery of world - renowned speakers from European Commission (EC), EPA (USA), IFQC, HEI, ICCT, MoE&F, MoRT&H, MoP&NG, Dept. of Heavy Industry, NATRIP, ARAI, CPCB, Delhi Government, IIP, NEERI, TEDC, IOCL, RIL, CSE and Global International Consultants sharing their expertise and views on various important subjects.

The panel discussions will cover critical issues highlighted at the conference to provide a timely opportunity for industry stakeholders, policymakers and analysts to discuss the latest developments in emissions, fuel and engine technologies. Furthermore, delegates will consider how the industry should take the optimum technologies forward into mainstream vehicle technology that will result in a robust yet cost-effective framework to meet emissions targets and secure a sustainable and competitive automotive industry for many years to come.



Conference Plan - *Wednesday, 9th November 2016*

08:00 AM – 09:00 AM	Registration
09:00 AM – 10:05 AM	Opening Ceremony <ul style="list-style-type: none"> ▶ Opening Remarks by Chief Guest ▶ Key Note Presentation by Dr. Dan Greenbaum (HEI) ▶ Key Note Presentation by Dr. Anup Bandivadekar (ICCT)
10:05 AM – 10:45 AM-	<ul style="list-style-type: none"> ▶ Inauguration of the Exhibition by the Chief Guest ▶ Networking Tea / Coffee Break
10:45 AM – 12:15 PM	Session: One BS VI Developments (< and > 3.5 tons)
12:15 PM – 01:45 PM	Session: Two Insight and Best Practices of EU Nations / Adoption for BS VI
01:45 PM – 02:45 PM	Networking Lunch
02:45 PM – 04:00 PM	Session: Three BS VI Fuel Scenario: Fuel Efficiency, Supply and Quality Upgradation
04:00 PM – 04:30 PM	Networking Tea / Coffee Break
04:30 PM – 05:45 PM	Session: Four Impact of BS VI and Strategies for 2 / 3 Wheelers Developments
07:00 PM onwards	Networking Cocktails & Dinner

Conference Plan - Thursday, 10th November 2016

10:00 AM – 11:30 AM	Session: Five Contribution and Role of Off-road Industry towards Better Air Quality
11:30 AM – 12:15 PM	Networking Tea / Coffee Break
12:15 PM – 01:45 PM	Session: Six Retrofitment of Buses & Trucks
01:45 PM – 02:45 PM	Networking Lunch
02:45 PM – 04:15 PM	Session: Seven Implementation and Challenges of RDE with BS VI Norms - 2020
04:15 PM – 04:45 PM	Networking Tea / Coffee Break
04:45 PM – 05:45 PM	Closing Panel Discussion: Accountability and Responsibilities to Improve Ambient Air Quality
05:45 PM – 06:00 PM	Vote of Thanks & Concluding Remarks by Mr. S. Basu (Chairman - TGLC)



Globally Acclaimed Speakers

Wednesday 9th November 2016

09:00 AM – 10:05 AM

► Opening Ceremony

- ▶ Opening Remarks by Chief Guest
- ▶ Key Note Presentation by Dr. Dan Greenbaum (HEI)
- ▶ Key Note Presentation by Dr. Anup Bandivadekar (ICCT)

10:45 AM – 12:15 PM

► Session: One

BS VI Developments (< and > 3.5 tons)

- ▶ **Chairperson** – Mr. S. Bandopadhyaya, IAS (NATRIP)
- ▶ Presentations and Debate within Panel
 - ✓ Mr. P. Panda (MSIL)
 - ✓ Mr. Krishnan Sadagopan (ALL)
 - ✓ Dr. Michael F. Tschantz (Ingevity Corporation)
 - ✓ Dr. Satoshi Sumiya (JM)
 - ✓ Mr. Rolf Brück (Emitec)

12:15 PM – 01:45 PM

▶ Session: Two**Insight and Best Practices of EU Nations / Adoption for BS VI**

- ▶ **Chairperson** – Mrs. R. Urdhwareshe (Director - ARAI)
- ▶ Presentations and Debate within Panel
 - ✓ Mr. Dirk Bosteels (AECC)
 - ✓ Dr. Ameya Joshi (Corning)
 - ✓ TBD (Unifrax)
 - ✓ Mr. Ing. Manfred Schuckert (Daimler AG)
 - ✓ Dr. Georg Hühthwohl (Albonair)

02:45 PM – 04:00 PM

▶ Session: Three**BS VI Fuel Scenario: Fuel Efficiency, Supply and Quality Upgradation**

- ▶ **Chairperson** – Dr. S. S. V. Ramakumar – Director (IOCL R&D)
- ▶ Presentations and Debate within Panel
 - ✓ Prof. L. M. Das (IIT Delhi)
 - ✓ Mr. Nandan Agrawal - Director (NPL BlueSky)
 - ✓ Mr. I. V. Rao (Advisor MSIL)*
 - ✓ Mr. K. K. Gandhi - ED (SIAM)

04:30 PM – 05:45 PM

► **Session: Four**

Impact of BS VI and Strategies for 2 / 3 Wheelers Developments

- ▶ **Chairperson** – Mr. B. Bhanot, Chairman (TEDC)
- ▶ Presentations and Debate within Panel
 - ✓ Mr. Harjeet Singh (Hero MotoCorp)
 - ✓ Mr. Y. R. Babu (TVS) *
 - ✓ Dr. Prashant R. Daggolu (Sud-Chemie)
 - ✓ Dr. Frank Chen (BASF)

Globally Acclaimed Speakers

Thursday, 10th November 2016

10:00 AM – 11:30 AM

► Session: Five

Contribution and Role of Off-road Industry towards Better Air Quality

- ▶ **Chairperson** – Dr. A. B. Akolkar, IAS (MS - CPCB) *
- ▶ Presentations and Debate within Panel
 - ✓ Mr. Sanjeev Arora (JCB)
 - ✓ Mr. Ramesh Pasarija (IDEMA) *
 - ✓ Dr. B. Sengupta (Ex. CPCB)
 - ✓ TBD (CES)

12:15 PM – 01:45 PM

► Session: Six

Retrofitment of Buses & Trucks

- ▶ **Chairperson** – Mr. Abhay Damle, IRS (JS - MoRT&H)
- ▶ Presentations and Debate within Panel
 - ✓ Dr. Rasto Brezny (MECA)
 - ✓ Mr. N. V. Marathe - Sr. Dy. Director (ARAI) *
 - ✓ Mr. Peter Neumann (HJS)
 - ✓ Capt. (Dr.) Rajendra B. Saner-Patil (CIRT) *
 - ✓ Mr. Sudipto Basu (Umicore)

02:45 PM – 04:15 PM

▶ Session: Seven**Implementation and Challenges of RDE with BS VI Norms - 2020**

- ▶ **Chairperson** – Mr. Dinesh Tyagi (Director, ICAT)
- ▶ Presentations and Debate within Panel
 - ✓ Mr. Dirk Bosteels (AECC)
 - ✓ Mr. Vikram Khanna (MSIL)
 - ✓ Mr. Kevin Brown (Tenneco)
 - ✓ Dr. Krishna Kamasamudram (Cummins)
 - ✓ Mr. P. S. Gowrishankar (Tata Motors)
 - ✓ Mr. Kentaro Sugimoto (NGK)

04:45 PM – 05:45 PM

Closing Panel Discussion**Accountability and Responsibilities to Improve Ambient Air Quality**

- ▶ **Chairperson** – Mr. J. S. Kamyotra (Scientist F, CPCB) *
- ▶ Presentations and Debate within Panel
 - ✓ Mr. Pravin Agrawal (DHI) *
 - ✓ Mr. Vishnu Mathur (SIAM) *
 - ✓ Mr. Dirk Bosteels (AECC)
 - ✓ Dr. Rasto Brezny (MECA)
 - ✓ Ms. A. Roychoudhury (CSE) *

* Confirmations Awaited

Invitation to the Conference

Attend ECMA's International Conference, become a part of Global Environment Vision

Attendance at the Seminar is by invitation only. Keeping in line with the past conferences, ECT 2015 success story, the structure of Delegate Fees is as follows:

- ECMA Members : NIL
- Government Officials/ NGO's : NIL
- Chairperson/ Speakers : NIL
- OEM's : NIL
- Non Members (1 Delegate) : Rs. 15,000/ -
- Non Members (3 Delegates) : Rs. 35,000/ -
- Non Members (5 Delegates) : Rs. 60,000/ -
- Institutes/ Students : Rs. 1,500/-

If you plan to attend the conference, please fill out the Pre-Registration Form. The Registered delegates will be entitled to participate in the Symposium, Exposition, Luncheons and Dinners. They will also receive the Symposium Proceedings.

* For advertising & sponsorship details.
Please contact ECMA.

Glimpses of ECMA's ECT-2015

8th International Conference on “Strategies for Compliance of BS V / BS VI Norms” was organised on September 04 – 05, 2015 at Hotel Grand, Vasant Kunj, New Delhi, India



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For more information, please contact:

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