

ECT-2025

16th International Conference

Event Organised by:

ECMA

Clean Air Today, Cleaner Air Tomorrow

2ND ANNOUNCEMENT

DRIVING INNOVATIONS IN EMISSION CONTROL FOR SUSTAINABLE TOMORROW

7th - 8th October 2025

Hotel Taj Vivanta, Sector 21, Dwarka, New Delhi



Endorsement Partners



Organised by :

Emission Controls Manufacturers Association (ECMA)

ECMA's Sisters Associations





ECT-2025

16th International Conference

ECMA is proudly pleased to present the schedule of its 16th International Conference - ECT 2025, which will be held on 7th and 8th October 2025 (Tuesday and Wednesday) at The Hotel Taj Vivanta, New Delhi (India). Success of earlier fifteen conferences has set a new benchmark and growing expectations from this conference. This premier conference is dedicated to the advancement of emission control technologies in the automotive, off-road and industrial sectors. As we now move into a decade of climate action and sustainable mobility, **ECT 2025** aims to bring together industry leaders, researchers, policymakers and technologists to exchange insights and solutions for a cleaner and sustainable future.



WHAT IS ECMA?

Emission Controls Manufacturers Association (ECMA) is the only premier body in India having association of 19 global emission control systems manufacturers, dedicated to achieving clean air and sustainable mobility solutions through the promotion and development of emission control technologies.

Established in 2002, ECMA serves as a platform for emission control equipment and systems manufacturers, technical experts, policy influencers, academicians and research institutions engaged in the field of air quality improvement. ECMA plays a vital role in supporting the implementation of stringent emission norms for both on-road and off-road applications. ECMA is also engaged to provide expert guidance and inputs to policymakers on emission control strategies and technologies while framing new emission norms for example, ECMA members are actively participating in various BS-7 panels formed by SCOE / AISC.

ECMA fosters the exchange of knowledge among stakeholders on the latest advancements in emission reduction technologies and suitable solutions for alternative fuels and sustainable powertrain options; through conferences, workshops, webinars, etc.

ECMA continues to be a driving force in India's transition towards cleaner and more sustainable transportation solutions. ECMA's Flagship Event – ECT conferences provides a strong platform to the stakeholders to deliberate on emerging trends, challenges, and innovations in emission control.





CONFERENCE THEME-ECT 2025

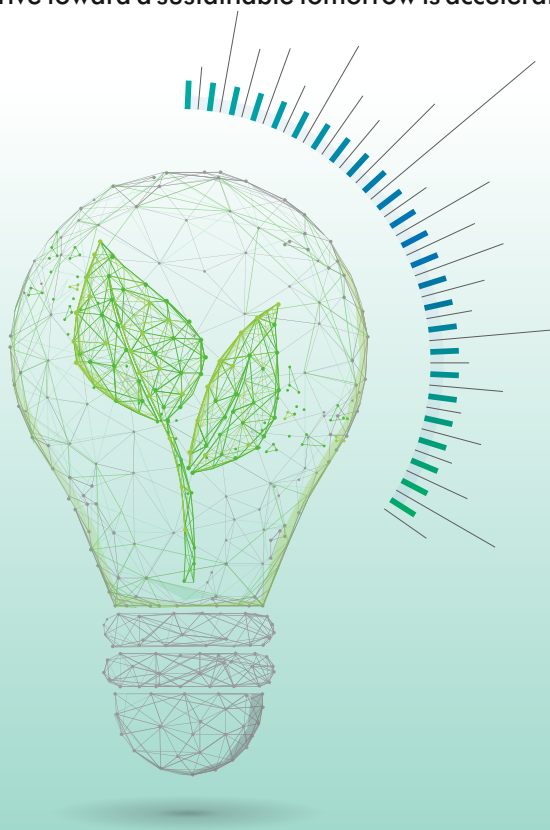
"Driving Towards Innovations in Emission Control for a Sustainable Tomorrow"

In an era marked by environmental challenges and climate concerns, the push towards sustainability has become more than a choice—it's a necessity. One of the most pressing areas of innovation lies in emission control technologies, which play a critical role in reducing air pollution and advancing the transition to cleaner mobility.

With rapid urbanization and the rise in vehicular population, harmful emissions from internal combustion engines have become a major environmental issue. However, ongoing innovations are transforming this landscape. Advanced after-treatment systems, such as Selective Catalytic Reduction (SCR), Diesel Particulate Filters (DPF), and Gasoline Particulate Filters (GPF), are significantly reducing NO_x and particulate emissions. Moreover, integration of smart sensors and real-time monitoring systems is enabling more efficient control over emissions throughout a vehicle's life cycle. These technologies not only enhance performance but also ensure compliance with increasingly stringent global emission norms like BS-VI, Euro 6, Euro 7 and forthcoming TREM-V & BS-VII.

The future also points toward hybrid powertrains, electrification, and hydrogen-based fuel systems, complementing traditional emission control measures. Combined with robust regulatory frameworks and industry collaboration, these advancements pave the way for a cleaner, greener, and more sustainable tomorrow.

Innovation in emission control is not just about meeting standards—it's about creating a healthier future. The journey has begun, and the drive toward a sustainable tomorrow is accelerating.



TECHNICAL PROGRAMME

Tuesday, 7th October 2025 (Day 01)

SESSION - 01 INAUGURAL SESSION

0900 – 1100 hr	Lamp lighting & Welcome Address by President - ECMA	
	Keynote	Advanced Catalyst Technologies for fulfilling upcoming standards: Paving the way to a sustainable future <i>Dr Saeed Alerasool, BASF Catalysts, China</i>
	Keynote	Global Perspectives on Transport Decarbonization, and implications for Indian Context <i>Dr Ameya Joshi, Mobility Notes, USA</i>
	Keynote	Recent Trends in Automotive Development and Innovative Experimental Equipment for Enhancing Capital Efficiency in Diversified Vehicle Engineering <i>Kazuya Tsurumi, Horiba, Japan</i>
	Inauguration of Conference and Release of Conference Proceeding	
	Address by Chief Guest	

1100 – 1130 hr NETWORKING TEA BREAK

SESSION - 02 BS7 FOR LIGHT DUTY VEHICLES

1130 – 1300 hr	Keynote	Beyond the Tail pipe – LCA for Passenger Cars <i>Dr Rasto Brezny, MECA, USA</i>
	Technical Paper	GPF Technology to meet BSVII <i>Sarah Warren, Johnson Matthey</i>
	Technical Paper	Gasoline Particulate Filter for future Indian Regulation <i>So Sugiura, NGK Technologies India Pvt Ltd.</i>
	Technical Paper	Next Generations of Gasoline Particulate Filters for Catalyzed Applications <i>Nilesh Lende, Corning</i>

1300 – 1345 hr NETWORKING LUNCH BREAK

SESSION - 03 OFF-ROAD / NRMM EMISSION CONTROLS (1)

1345 – 1515 hr	Keynote	Potential for Reduction in NRMM Real-World CO₂ and NO_x Emissions <i>Dirk Bosteels, AECC, Belgium</i>
	Technical Paper	Integrating Advanced EAT Systems for future proofing NRMM emission solutions <i>Naveen Sridharan, Donaldson Filtration Solutions, Belgium</i>
	Technical Paper	Challenges and solutions in designing exhaust after treatment systems for off-road and non-road segment <i>Shashank Sahai, Ecocat India</i>
	Technical Paper	Dual Fuel Tractors: A Cleaner Path to Affordable Tractors <i>Shakti Singh, Escorts Kubota Ltd</i>

SESSION - 04 BS7 FOR HEAVY DUTY VEHICLES (1)

1515 – 1705 hr	Keynote	BSVII to unlock the full potential of emission control technologies <i>Dirk Bosteels, AECC, Belgium</i>
	Technical Paper	HDD After-treatment System Design for BSVII <i>David Bergeal, Johnson Matthey</i>
	Technical Paper	Advanced filter solutions for robust PN10 control to meet future BSVII regulations <i>Nilesh Lende, Corning Technologies India Pvt. Ltd.</i>
	Technical Paper	Intelligent Exhaust System Thermal Management by using CatVap from Albonair and HVO to enable Zero-Impact city vehicles <i>Georg Huethwohl, Albonair GmbH, Germany</i>
	Technical Paper	BSVII Exhaust aftertreatment Architecture Derived from EU7 Regulatory Learnings <i>Jim Elkjaer Bebe, Dinex Emission Solution India Pvt Ltd</i>

1705 – 1730 hr NETWORKING TEA BREAK

SESSION - 05 PANEL DISCUSSION

1730 – 1830 hr Moderator: Prakash Sardesai, Vice President - ECMA	Topic	BS7, TREM-V and other forthcoming Regulations in India – Challenges and Path Forward
	Panel Members:	

1830 onwards TOUR TO ECT 2025 EXHIBITION

1900 - 2100 hr ECMA PRESIDENT's DINNER

TECHNICAL PROGRAMME

Wednesday, 8th October 2025 (Day 02)

SESSION - 06 BS7 FOR HEAVY DUTY VEHICLES (2)

0900 – 1030 hr	Keynote	Euro VII RDE applied to US 2027 Heavy-duty Emission Controls <i>Dr Rasto Brezny, MECA, USA</i>
	Technical Paper	High Performance DPF Substrate development for upcoming BS VII norm <i>Rolf Schwarz, IBIDEN Europe B.V.</i>
	Technical Paper	Advancing Emission Control through Hybrid Catalyst Technologies <i>Bhabani Panigrahi, BASF Environmental Catalysts</i>
	Technical Paper	Revolutionizing Exhaust Management: A dual NO_x Control Architecture for High-power diesel engines <i>D Premnath, Albonair India</i>

1030 – 1100 hr NETWORKING TEA BREAK

SESSION - 07 OPPORTUNITIES FOR HYBRID POWERTRAINS

1100 – 1230 hr	Keynote	A Life-Cycle assessment of different Powertrain Technologies for Light-duty and Heavy-duty Vehicles <i>Dirk Bosteels, AECC, Belgium</i>
	Technical Paper	Highly Efficient, Cost Effective and Compact Exhaust After treatment for Hybrid engines <i>Narayana Prakash G, Emitec India</i>
	Technical Paper	After-Treatment Catalysts for Gasoline Hybrid Vehicles <i>Yogesh Shinde, BASF Catalysts</i>

SESSION - 08 ALTERNATIVE FUELS

1230 – 1400 hr	Technical Paper	TWC Catalyst development for alternative fuels and trends of performance <i>Dr Jing Lu, Johnson Matthey</i>
	Technical Paper	Design profiles of After Treatment Systems for alternate Fueled combustion engines <i>Vishal Srivastava, ECOCAT India</i>
	Technical Paper	Impact of CNG Fuel injection pressure on Engine Performance & Combustion Characteristics <i>Rohit Jaiswal, Maruti Suzuki India Ltd</i>

1400 – 1445 hr NETWORKING LUNCH BREAK

SESSION - 09 EMISSION CONTROL: LEGISLATION AND TECHNOLOGIES

1445 – 1615 hr	Technical Paper	Meeting the Challenges of developing Sustainable propulsion systems for future net-zero and emission regulatory demands <i>Steve Whelan, Horiba Mira, UK</i>
	Technical Paper	Transient Performance of On-highway & Off-highway Aftertreatment System using 3D CFD + 1D AVL BOOST Coupling Approach <i>Dr Vinod Pandey, Cummins Inc. India</i>
	Technical Paper	Motorcycle Emissions: Future of Legislation & Catalyst <i>Rajesh Shankaranarayanan, BASF Catalysts, India</i>
	Technical Paper	Comparison of Particulate Emissions from Different Categories of Diesel and Otto Engines and Vehicles <i>Gabriel Murgel Branco, Afeevas, Brazil</i>

SESSION - 10 OFF-ROAD / NRMM EMISSION CONTROLS (2)

1615 – 1745 hr	Technical Paper	Alternate Fuels: Impact on Emissions for Tractor Application <i>Manoj Kusumba, TMTL Co</i>
	Technical Paper	Challenges in Natural Aspirated Tractor Application Diesel engine for Cleaner Mobility <i>Tauseef Alam, International Tractors Ltd (Sonalika)</i>
	Technical Paper	Evaluation of Next Generation filter technology with DOC-on-Filter, PGM coated DPFs, bare DPFs for Non-Road Application <i>Nilesh Lende, Corning Technologies India Pvt. Ltd</i>
	Technical Paper	Making Robust DPF System considering Indian Market Conditions <i>Naoki Kawamura, IBIDEN Co Ltd</i>

1745 onwards **NETWORKING TEA BREAK**

END OF CONFERENCE

CONFERENCE SUPPORT & EXHIBITION OPPORTUNITIES

Category	Amount (in Lakhs)	Free Delegate	Exhibit Booth Included	Advertisement In Technical Bulletin Included	Slots for Experts Included
Diamond Supporter	11.0	6	2mx4m	2 Page Spread A3	1 Keynote 1 Technical Presentation
Platinum Supporter	9.0	4	2mx4m	Inside Back Cover A4	1 Keynote
Gold Supporter	7.0	3	2mx3m	A4	1 Technical Presentation
Silver Supporter	5.5	2	2mx2m	A4	—
Bronze Supporter	4.0	1	2mx2m	A4	—

Logo and support appreciation branding at stage backdrops, website, all promotional and Printing materials

CONFERENCE DELEGATE PARTICIPATION CONTRIBUTION

Category	Single Delegate	Group booking 2 - 4 delegates from same organisation	Group booking for delegates more than 4 from same organisation
Member companies exceeding 6 nos	Rs. 3000/-	Rs. 2700/-	Rs. 2400/-
OEMs	Rs. 8000/-	Rs. 7200/-	Rs. 6400/-
Non-member companies, Suppliers, vendors	Rs. 15000/-	Rs. 13500/-	Rs. 12200/-
Faculty - Academic institutions	Rs. 5000/-	Rs. 4500/-	Rs. 4100/-
Students	Rs. 3000/-	Rs. 2700/-	Rs. 2400/-
Government Officials, Speakers & Special Invitees	"Registration is complimentary; however, submission of the registration form is mandatory to complete the registration and issue a registration number."		

ADVERTISEMENT IN THE TECHNICAL BULLETIN - ECT 2025

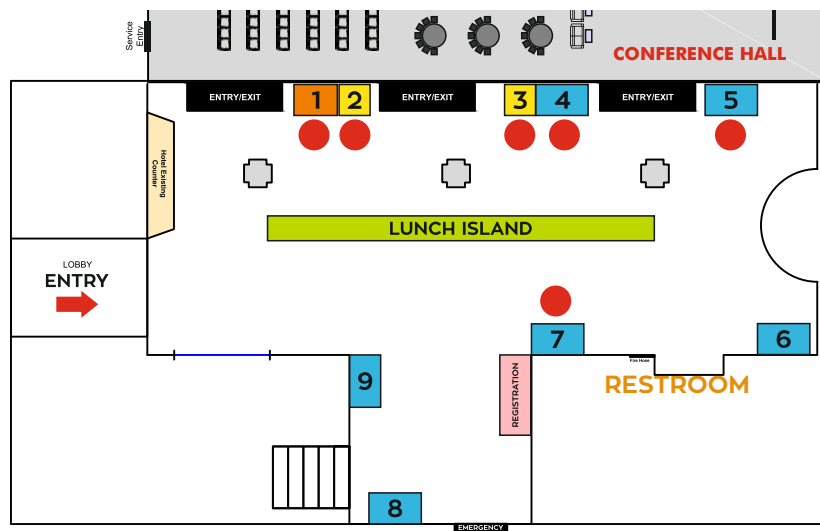
Category	Advertisement Amount
Rear Back cover (A4)	Rs. 25000/-
Middle Page (A3)	Rs. 25000/-
Two Page spread (A3)	Rs. 20000/-
Full Page (A4)	Rs. 12000/-
Half Page (A5)	Rs. 7000/-

We also welcome advertisement support from organisations to bring out this Prestigious Technical Bulletin commemorating the event.

EXHIBITION BOOTH

Exhibit Booth Size	Non-Member Company (Rs lakh)	Member Company (Rs lakh)	Complimentary Delegates
2mx4m	3.0	2.5	4
2mx3m	2.5	2.1	3
2mx2m	2.1	1.8	2

42" LCD with floor stand, one brochure stand, one table, two power points - 5/15 amp, Exhibitor name on fascia



AREA SQ.MTR.

2X2

3X2

4X2

TOTAL 9 Booths

BOOKED

GLIMPSES OF ECT 2024 CONFERENCE, NEW DELHI





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NOTE

- ECMA is a non-profit organisation. Therefore, all payments made to ECMA are considered as contribution towards the respective activities, for which ECMA will issue the official receipts. However, ECMA will not raise any Proforma invoice.
- TDS does not apply at the time of payment ECMA being a non-profit organisation, all contributions given for various items of the conference will attract a rebate on Income Tax @50% as per IT Act 80G, as applicable.
- All payments to ECMA shall be made without TDS through Cheque/Demand Draft/NEFT/RTGS Cheque/Demand Draft shall be drawn in favour of "Emission Controls Manufacturers Association", payable in New Delhi.

For remittance through NEFT/RTGS

Bank Name & Address: ICICI Bank, American Plaza, Nehru Place, New Delhi – 110019
Bank Account no: 629401140381
IFSC Code: ICIC0006294

INVITATION

On behalf of ECMA, it is our great pleasure to inviting government authorities, policy and rule makers, industry leaders, senior executives, scientists, R&D Professionals, Consultants, subject experts, academicians and practicing engineers to participate and present their technical work and experiences in ECT 2025 Conference. ECMA looks forward to a whole hearted support and participation from the entire automotive community at this forum in New Delhi.

CONFERENCE ORGANISER & CONTACT

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