

# The e-Automotive Conclave

15 September 2017, Pragati Maidan New Delhi

**Overview:** India is projected to become the **3rd largest manufacturer of automobiles in the world after US and China by 2020**. The **Auto components sector in India currently estimated at USD 39 billion (ACMA)** is closely mirroring the automotive industry's growth.

With demand in place and strong government push, the stage is now set for rapid growth of auto electronics industry in India. **India has received investment proposals worth over INR 1.1 trillion (USD 18 billion) in Electronics space since the start of "Make in India" campaign.**

There is a need for "frugal innovation" to design features to address specific needs of the Indian market, especially in the 2Wheeler segment. **Collaboration of Indian software companies with semiconductor players will also be instrumental in development of integrated technologies.** Exports will be another area of focus, especially with global OEMs increasingly setting up R&D base in the country.

Indian component makers are currently getting in line to become the global hub of innovation and promote investments in technology and research to push the Indian Automotive electronics market to become a global manufacturing playground.

With keeping that in mind, this year's e-Automotive Conclave will bring together top thinkers and game changers under the automotive electronics industry to discuss and strategize the best way forward to place India as the global hub of electronic innovation in automotive segment.

The one-day e-Automotive conclave will focus on providing the strategic focal point for the Indian automotive electronics stakeholders to collaborate on a unified platform and deliberate the auto electronics progression, long due in the Indian Automotive sector.

## Reasons to participate:

- Leverage insights over the development of sensor technology and signal processing algorithms to understand the rapid development of the ADAS technology
- Learn what is driving the global Connected Vehicles vision
- Get an overview of the Indian electric vehicle industry chain and its effect on the traditional parts manufacturers
- Case studies focused on the lessons on developing automotive electronics component manufacturing eco-system and collaboration
- Meet, network and learn from the experiences of top industry experts, practitioners and professionals from disruptive automotive manufacturers in the region
- Utilizing technology in safety and security for future mobility
- Gather fresh, new and practical insights across the Electronic manufacturing services value chain
- Scope for body electronics technology (Driver information systems/interior electronics) in automotive
- Understand, discuss and identify the key growth levers that support the trends in the auto-electronics industry

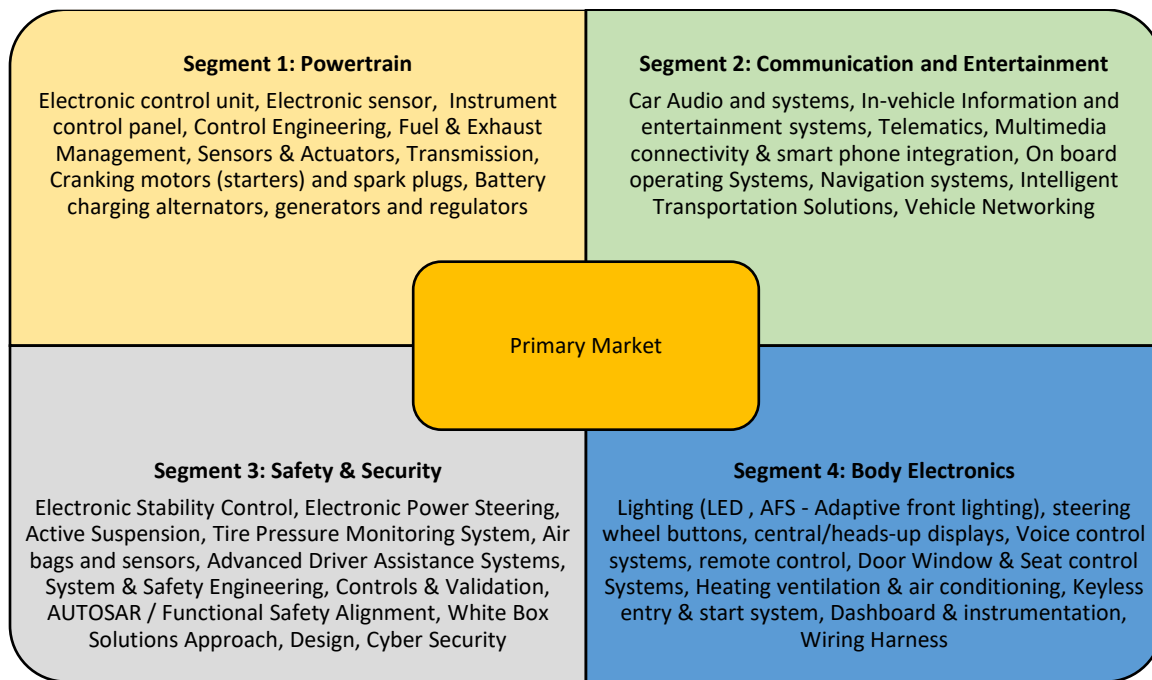
- Unified platform for knowledge sharing between industry & international organizations through bilateral/multilateral cooperation mechanism
- Gather fresh insight in smart automotive technologies specific to India
- Understand the best practices safety and security via the standardization

**Key topic of discussion:**

- Automotive electronic standards
- Powertrain electronics
- Infotronics, Connectivity & Convergence
- Advanced Driver Assistance Systems (ADAS)
- Automotive Lighting
- Hybrids & Electric Vehicles
- Safety and security via electronics
- Innovations in Electronic Manufacturing Services
- Innovations under PCB Assembly and ECU integration

**Industry focus:**

**1. Primary Market:**

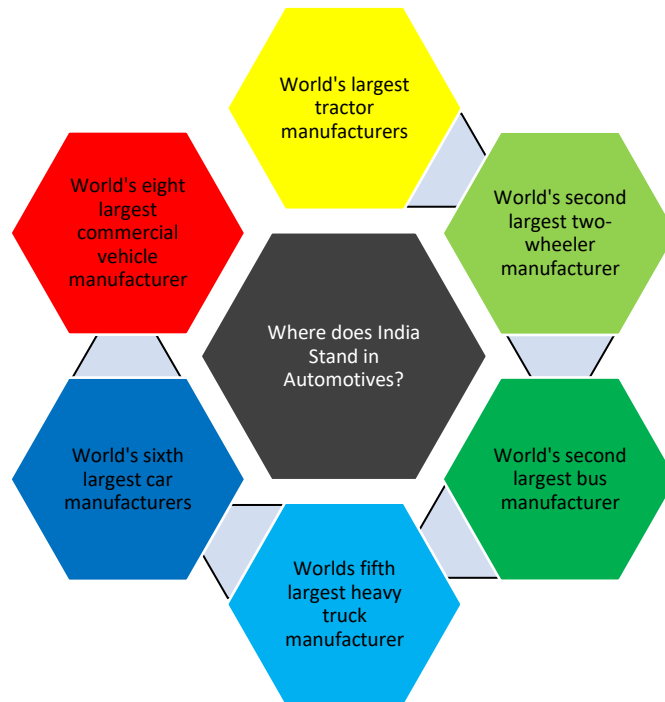


**2. Secondary Market:**

- Semiconductor Manufacturers
- Display manufacturers (LED, AMLED, OLED)
- Automotive Manufacturers
- Electronic Manufacturing Service Providers

- PCB Manufacturers and Other Circuit Carriers
- Power Supply and Passive Components
- Electronic Design Institution and Consultants (ED/EDA)
- Test and Measurement Services
- Sensor Technology Enablers
- Wireless connectivity Innovators
- Embedded Systems Manufacturers
- Assemblies and Subsystems Designers
- Electro-mechanics and Systems Engineering
- Micro-Nano System Applications
- Quality Control and Assurance Testing

**Important Industry Facts:**



**Target Audience:**

CXOs and Business Heads of: Head of Electronics development and design/ Production/ Design/ Manufacturing/ Production Planning/ Purchasing/ Quality Control and Assurance Testing/ System Integration and Integration/ Technology (IT and Communication)/ Logistics and Supply chain/ Director of Marketing, Advertisement and PR/ Hardware Development

**WHY SPONSOR THIS EVENT?**

Messe Munchen has developed unique branding and sponsorship packages to offer you maximum value for your investment. At the e-Automotive Conclave, we provide you the convenience of exhibiting your products and services in the area where the forum will take place.

We ensure that you get the opportunity to reach out to maximum decision makers from your target audience.

**Activities You Can Do At The Conference:**

- Present new products and Services to automotive electronics industry
- Target potential buyers and seek new business opportunities
- Reinforce your relationship with your pre-existing clients
- Establish new contacts with decision makers in the automotive electronics industry
- Avail the opportunity to establish yourself as a thought leader in the automotive electronics space
- One-on-one Meeting with pre identified leads to strategize your sales funnel

**Conference Day: Thursday 15 September 2017**

**09:00 – 09:45 Registration and Breakfast**

**09:45 – 10:00 Welcome address and remarks form the Chairperson**

**10:00 – 10:30 Opening Keynote:** A road map to the future of connected mobility

**Track one: Powertrain Electronics**

**10:30 – 10:50 Keynote:** Working with the Indian emission norms – Managing valve train and fuel delivery systems to meet emissions and fuel economy targets

**10:50 – 11:30 Panel:** Powertrain in focus: what is hot on the road to 2020?

- Trends and innovations under engine downsizing
- Controlling fuel and valve train
- Powertrain light weighting
- Innovations in noise, vibration and harshness
- Beyond Bharat Stage IV: exhaust gas heat recovery innovations

**11:30 – 12:00 Tea Break and networking**

**Track two: Safety and Security**

**12:00 – 12:20 Keynote:** Landscaping of active safety features and Advance Drives Assistance Systems (ADAS)

**12:20 – 13:00 Panel:** Developing a 360 degree safety with integrated sensory strategy

- Driver warning and information systems
- Collision avoidance systems and architecture
- Perspective of active safety feature implementation
- Automotive active-safety and assistance systems via Advance Driver Assistance Systems (ADAS)

**13:00 – 14:00 Lunch Break**

### **Track three: Telematics and Infotainment**

**14:00 – 14:40 Panel:** Commercial fleet management - Driving Operational Efficiencies via Telematics

- Real time Vehicle Tracking
- Review trip performance between locations
- Geo-Fencing
- Mobile application development

**14:40 – 15:20 Panel:** Scope of connectivity control units (CCU) under In-vehicle multimedia: Creating user-centric interface concepts for vehicle and driver interaction

- Managing driver information systems and smart phone integration
- User interface and display solutions
- Commercial vehicle telematics and

**15:20 – 15:50 Tea Break**

### **Track Four: Body electronics**

**15:50 – 16:30 Panel:** Body Control Module (BCM) – the central element of modern vehicle electric systems

**16:30 – 16:50 Keynote:** Future of Automotive Lighting - Adaptive Front-lighting Systems

**16:50 Closing Remarks from the chairperson**

**17:00 Cocktail and networking**