

xEV Localisation Conference & Exhibition

'Localization of xEV Components & Charging Infrastructure – Opportunities & Challenges'
Wednesday, 15th May 2019: Hotel Taj Palace, New Delhi

ACMA along with SIAM & IEEMA, under the aegis of the Ministry of Heavy Industries & Public Enterprises, hosted xEV conference and exhibition on 'Localization of xEV Components & Charging Infrastructure – Opportunities & Challenges' on 15th May 2019, at Hotel Taj Palace, New Delhi, showcasing the capabilities and products manufactured by the domestic component industry for e-vehicles. The event centered around FAME-II scheme and also the 'Phased Manufacturing Program'.

The event was a huge success in alleviating any doubts on the capabilities of the auto component industry in supporting the e-mobility revolution in the country. With forty (40) companies displaying their products and technologies and with registration of more than 450 delegates, the participation from the automotive industry at the event was indeed very whole hearted.

The Ministry of Heavy Industries has been trying to push automakers to invest in domestic manufacturing of electric vehicles and spare parts to avail the subsidy under FAME-II. The government earmarked a ₹10,000-crore subsidy for promoting electric mobility in India. The ministry has now adopted a time bound approach to gradually increase domestic production of electric vehicles and related parts.

The summit was attended by Dr Asha Ram Sihag, Secretary, Ministry of Heavy Industries and Public Enterprises; Mr. Pravin Agarwal, Joint Secretary, Ministry of Heavy Industries and Public Enterprises; Mr. Kenichi Ayukawa, vice-president, SIAM and MD, Maruti Suzuki India; Mr. Ram Venkataramani, President, ACMA; Mr. Harish Agarwal, President, IEEMA; Mr. Deepak Jain, Vice-President, ACMA and several other luminaries.

The Chief Guest Dr. A.R. Sihag, Secretary, Ministry of Heavy Industries & Public Enterprises informed that the ministry is working on strategies to leverage the participation of all stakeholders, as well as the competitive potential in the market, to scale up the projected volumes under the Fame - 2 scheme. He informed, that the subsidy is structured to cover almost 20 percent of the cost of electric vehicles and 40 percent for the buses. He also added that in next 3 years, EV Market will become Rs. 50,000 crore market and component industry should also concentrate to be net exporter from being net importer today.

Mr. Kenichi Ayukawa, MD, Maruti Suzuki and Vice President, SIAM, added that Auto companies need volumes if they are to localise electric vehicle components in India. He assured on behalf of the industry that the industry is enthusiastic and dedicated towards maximum localization of xEV & Its parts. The largest factor that can help localization is volumes, generating economies of scale is important.

Mr. Harish Agarwal, president, IEEMA, informed that E-mobility and its challenges for localization will be met effectively by combined efforts of automobile manufacturers, component manufacturers

and electric equipment and component manufacturers. Dividing lines between lathe, conductor and microchips will blur in this endeavor.

Appreciating the support provided by the government of India, President ACMA, Mr. Ram Venkataramani emphasised that the industry is delighted at the focus given towards localisation in Fame-2 with the announcement of the PMP program.

Some Products on display were :- Lithium Ion Battery for 2W, e Rickshaw, Auto, Module for electric Buses , LITHIUM BATTERY PACK- Main Wire Harness for Electric Vehicle, head Lamp Wiring, Tail Lamp Wiring, Indicator Wiring, Charging Station Wiring, Battery Charger Wiring, Battery Cooling System, Electric Vehicle Traction Motor, EV Charger, 2 wheeler, ALLOY WHEELS, ECU COVER, HEAT SINK and GEAR BOX HOUSING, Electric Drive, Electronic Braking Systems (EBS), HV Connection System for 2W, 3W, Passenger Vehicle, Commercial Vehicle, Charging System (Gun + Inlet), PDU, Harness Assembly for Inverter, Compressor, Heater, DC Charger, HV Battery and Motor, Automotive Cables, DC/DC Converter for xEV, Off-board and On-board Battery Charger for xEV, BLDC Motor Controller for xEV, VCU for xEV, Digital Cluster for xEV, Smart Key for xEV, Telematics Unit, Battery Tracking Unit (for swapping Batteries), 48V BRM, Battery Pack, Cells, EV Thermal management, 48v BLDC Motor & Controller (e-rickshaw, e-Auto applications), 12v & 48V B-ISG systems (PV application), E-Axle (2W, 3W and 4W applications), 1KW BLDC Motor, 3KW BLDC Motor / Controller for E- 2W application, 3KW BLDC Motor / Controller for E-Auto application, etc.

The conference also addressed different perspectives of the industry:-

Session I : OEM's – Headed by - Mr. C V Raman, Senior Executive Director (Engg), Maruti Suzuki India & Chairman, Emissions and Conservation Group, SIAM;

Session II: Supplier's – Headed by - Mr. Nishant Arya, Chairman, CFT-EV, ACMA and Executive Director, JBM Group

Session III: Battery and charging - Headed by - Mrs. Rashmi Urdhwaresh, Director, ARAI.

After the summit, exhibitors were meeting different stakeholders till the evening.

With the positive feedback from all the exhibitors and participants the event came to an end in the evening.

List of Exhibitors showcased EV components

1. A D Precision Forgings Pvt. Ltd.	11. Bosch Ltd.	21. Jitendra New EV Tech Pvt. Ltd.	31. Radiant Polymers Pvt Ltd.
2. Advance Cable Technologies Pvt. Ltd.	12. CG Power and Industrial Solutions Ltd.	22. JSG Innotech Pvt. Ltd.	32. Rockman Industries Ltd.
3. Ampere Vehicles Private Limited	13. Comstar Automotive Technologies	23. Lucas -TVS Ltd.	33. Schaeffler India Ltd.
4. ANAND Automotive Pvt Ltd.	14. Energy Saving India	24. Minda Corporation Ltd.	34. SEG Automotive India Pvt. Ltd.
5. ANSYS Software Pvt. Ltd.	15. Exicom Power Solutions	25. Minda Industries Ltd.	35. Siemens Ltd.
6. Aptiv Components India Pvt.Ltd.	16. Exide Leclanché Energy Pvt Ltd.	26. Nifco India Pvt. Ltd.	36. Sterling Tools Ltd.
7. Asahi India Glass Ltd.	17. Greenfuel Energy Solutions Pvt. Ltd.	27. NTF (India) Pvt. Ltd.	37. Tata AutoComp Systems Ltd.
8. Automotive Electronics Power Private Limited (AEPPL)	18. International Centre for Automotive Technology (ICAT)	28. Okaya Power Pvt. Ltd.	38. Technocrat Connectivity Systems Pvt. Ltd.
9. Automotive Research Association of India (ARAI)	19. J.K.Fenner (India) Ltd.	29. Padmini VNA Mechatronics Pvt. Ltd.	39. Trans ACNR Solutions Pvt. Ltd.
10. Bharat Heavy Electricals Limited	20. Jay Switches India Pvt. Ltd.	30. Pranav Vikas (India) Pvt. Ltd.	40. WABCO India Limited
