



सत्यमेव जयते
Ministry of Heavy Industries
Government of India



सत्यमेव जयते
Ministry of Road Transport and Highways
Government of India



SOCIETY of
MANUFACTURERS of
ELECTRIC VEHICLES



सत्यमेव जयते
नीति आयोग
National Institution for Transforming India



INVEST INDIA
NATIONAL INVESTMENT PROMOTION
& FACILITATION AGENCY



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

EVtech DELHI 2022

**THEME: EV INDUSTRY @2030:
THE FUTURE ROADMAP**

National Conference & Awards on Electric Vehicles

POST EVENT REPORT

MAY, 2022

New Delhi

www.smev.in

Post Event Report

The SMEV Conference and Awards 2022, was organised on 19th May, 2022 at Shangri La Hotel and addressed by the Hon'ble Union Minister for Heavy Industries Dr. M N Pandey, Hon'ble Minister of State for Road Transport and Highways General Dr. V K Singh, Shri Jasmine Shah Vice Chairman Dialogue & Development Commission of Delhi, President SMEV Shri Naveen Munjal, Dr Rene Van Berkel India Representative UNIDO, Shri Sohinder Gill DG SMEV, Shri Sanjeev Gupta Executive Director Indian Oil Corp, Shri Shijoy Varughese Consultant Rocky Mountain & Delhi Govt, Mr. Robert Lamanna Director BAE Systems, Dr K C Wadhwa Sr. Associate Director CFEES DRDO, Shri Som Kapoor Partner EY, Shri Nehal Singh Bajwa Head Auto Invest India, Shri Debi Prasad Dash ED IESA, Shri Hemal N Thakkar, Director CRISIL, Shri Gagan Sidhu Director CEEW-CEF, Shri Saurabh Agarwal Partner EY, Shri Saket Mehra Partner Grant Thornton, Shri Jayateertha V Jainapur GM State Bank of India, Shri Randheer Singh Director NITI Aayog, amongst others.



L-R Shri Naveen Munjal, President of SMEV welcoming the Hon'ble Union Minister for Heavy Industries Dr. M N Pandey, Hon'ble Minister of State for Road Transport and Highways General Dr. V K Singh and Shri Jasmine Shah Vice Chairman Dialogue & Development Commission of Delhi at the Conference

The Conference Background Paper jointly prepared by the SMEV & EY, was released on the occasion by the Hon'ble Union Minister for Heavy Industries Dr. M N Pandey.



The Auto & EV Industry was well represented by the Tata Motors, Mahindra Electric, Ather Energy, Hyundai Motors, Hero Electric, Reliance Industries, Terra Motors, ABB India, Exide Leclanche Energy-Nexcharge, Amara Raja Batteries, Lucas TVS, Revolt Motors, Panasonic India, Okaya, LOG9, Bolt, Fortum India, NRB Bearings, IOC, SBI, Reliance BP Mobility, Alvarez & Marsal, Parker Lord, Steel Strips Wheels, BAE Systems, Electrev Mobility, Bird Electric, Infosys, Engineers India Ltd. to just name a few.

Delegates from across the country attended the conference

The Awards (Jury led by Grant Thornton) was presented by the Hon'ble Minister of State for Road Transport and Highways General Dr. V K Singh to the following:



Best
Electric
Car of the
year
**Tata
Nexon**

Best
Electric
Bike /
Scooter of
the year
**Ather
450X**

Top EV
Battery
Manufacturer
of the year
Nexcharge

Best EV
Charger
Manufacturer
of the year
**ABB
India**

Best Electric
Vehicle
component
manufacturer
of the year
**TATA
Autocomp**

Best EV
Startup
**Ather
Energy**

Best EV
Tech
Company
**Log9
Materials**

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The Conference was 'Officially Supported' by the Ministry of Heavy Industries, Ministry of Road Transport & Highways, NITI Aayog, Invest India Government of India, UNIDO, ARAI, CESL, CEEW-CEF, IESA, Auto Today, EV Reporter, Grant Thornton & EY amongst others.

The Conference was Partnered by the State Bank of India, Indian Oil Corp, BAE Systems, Hero Electric, Lucas TVS, Parker Lord & Fortum India.



Hon'ble Union Minister for Heavy Industries, Dr. M N Pandey inaugurating the SBI stall

Quotes from the Conference



**Dr. M N Pandey, Hon'ble Union Minister,
Ministry of Heavy Industries, Govt. Of India**

"By 2030, the resolve that we have put in front of the world to reach India's zero carbon emission will put the world's faith in us. The Government has had effective policies running for the last few years FAME 1, FAME 2, or PLI schemes, which is progressing ahead with the enthusiastic cooperation of all Industry players."



**Gen. (Dr.) V K Singh (Retd.) Hon'ble Minister of State,
Ministry of Road Transport & Highways, Govt. of India**

"We are cognizant of the fact that recently we have had issues with the electric batteries. From the Ministry side, we are taking actions to further lay down guidelines."



**Mr. Naveen Munjal, President SMEV and
Managing Director, Hero Electric Vehicles Pvt. Ltd.**

"The Government has a strong vision of electrifying mobility in India and has been working to introduce EV sector-specific initiatives and policies to fasten the adoption of electric mobility in India. This push and consumer-friendly policies are aiding in creating demand which also helps in building the EV ecosystem in the country."



**Mr. Sohinder Gill, Director General SMEV and
CEO, Global Business, Hero Electric Vehicles Pvt. Ltd.**

“This EV disruption is here to stay and is the next big trend in mobility that can’t be reversed. As we pursue our goals, let’s not forget to innovate India-specific solutions, collaborate with partners, contribute to category growth, communicate, educate and compete in a fair and just manner.”



Mr. Sanjeev Gupta, ED Corp Strategy, IOCL

“India is a growing economy and hence energy transition in India is expansion of energy basket encompassing twin objective of energy security and green energy. Towards this, Indian Oil companies are augmenting oil & gas infrastructure but in parallel building relationships and infrastructure in green energies viz renewable energy, hydrogen, new technologies and related infrastructure.”



**Mr. Jayateertha V Jainapur, General Manager,
State Bank of India**

“EVs are the future of mobility. Attractive Schemes are available for financing EVs. Safety, Quality & Resale value of EVs are concern for financiers. Subsidies & tax benefits will play critical role in narrowing the price gap between EVs & traditional ICE vehicles. EVs financing may be included under priority sector lending norms of RBI.”



Dr Rene Van Berkel, India Representative UNIDO

“The EV industry is truly transformational and many developments need to come together and act synergistically to create the electric storage and charging systems, the e-vehicle specifications and designs for different use segments, the business models, the policy incentives for manufacturers and users. UNIDO stands ready to support this transformation, focusing on efficient EV design & manufacturing, conducive policy, use-ecosystems and enabling clean-tech innovation.”



**Mr. Robert Lamanna, Deputy General Manager,
BAE Systems – Power & Propulsion Solutions, US**

“The SMEV Panel discussions provided critical insight to the EV mission, the key challenges and opportunities facing vehicle electrification in India. Having so many voices from different parts of the ecosystem in one setting was a unique opportunity. Participating in a Panel discussion gave me a chance to hear what was on the minds of those attending the conference as well as the occasion to network with other industry experts on a varying range of topics.”



**Mr. Som Kapoor, Partner, Future of Mobility &
Auto Retail Leader, EY India**

“In the new mobility ecosystem, there are opportunities for growth and setting up new business models for both traditional automotive players and new entrants in the market. The large gap in the manufacturing capability and forecasted demand for components for EVs can provide substantial growth in the coming decade. There are significant opportunities in the new streams of revenue such as in the battery manufacturing and recycling ecosystems, capabilities which does not exist in the country currently.”



Mr. Saket Mehra, Partner, Risk - Grant Thornton

Since the EV Industry is at a nascent stage in India, it struggles in accessing reasonable financial support through traditional routes. The challenges faced by the EV ecosystem (such as Asset Risks, Business Model Risks, etc.), can be turned into opportunities by introducing umbrella solutions- which address key problems throughout the supply chain.

Collaboration is the way forward here. There is an opportunity to integrate OEMs with Financial Institutions (FinTech) and offer unique solutions to enable hassle-free mobility while ensuring financial support (such as a monthly subscription model for vehicles).



Mr. Awadhesh Kumar Jha - Executive Director, Fortum Charge & Drive India

“The time for EV has come and the entire EV ecosystem must think holistically and collaborate to enable Indian customers to make an informed decision to switch to EV.

In order to enhance the EV experience for users, technological innovation and advancement in the manufacturing of charging stations will be important. The charger should be futuristic taking cue from global development. All chargers must have load balancing features to support many EVs simultaneous charging with optimum fixed contracted load as well to distribute load among power modules as per need of EV.

Second, chargers should be integrated with payment POS to offer complete interoperability to users where one need not download various Apps for transaction.

To make the market dynamics more appealing, all industry stakeholders must work together to improve operational efficiencies and product quality to support the industry to grow.”



Mr. Gagan Sidhu, Director - CEEW Centre for Energy Finance

“The mobility transition is one of three transitions that India is undergoing, the other two being the power sector and industrial transitions. It is the most consumer facing of the three and the country has seen impressive growth in EV penetration in the past year. Financing will be a key enabler to hasten it further.”

ABOUT SMEV

SMEV is the registered association set up in 2009, representing Indian manufacturers of Electric Vehicles (EV) and Electric Vehicle Components. SMEV works closely with the Central and State Governments to assist the formulation of policies and processes supporting the EV ecosystem. Today the SMEV is proud to have around 100 EV, Component and Battery Manufacturers as its esteemed Members.

SMEV has contributed significantly to the cause of promotion of EVs in the country through the NEMMP-2020, FAME Policy, the Production Linked Incentive Schemes and the Draft Battery Swapping Policy, the rationalization of import duties and reduction of local taxes and levies. SMEV is playing an active role in the discussion of the issues faced by the Electric Vehicle industry and practical aspects to help enhance the penetration of Electric Vehicles towards meeting the goals of our Nation.

SMEV is the perfect platform to learn, share and experience as we move forward into an age where alternative energy efficient modes of transportation would be in demand. Electric Vehicle Technology is gaining ground and popularity rapidly. This segment has tremendous potential as it is an environment-friendly, non-polluting means of transportation.

SMEV also works as a catalyst for creating the favorable business environment for investment opportunities, for the Indian EV market.

Ajay Sharma, Secretary General

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