



Presents



Roadmap for electric mobility & Charging infra adoption in 2021

JULY 28, 2021 | VIRTUAL CONFERENCE | TIMING: 12:30 – 18:30 IST

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India is poised to become one of the largest electric mobility markets globally in the coming decade with the Indian government's drive to curb pollution and reduce reliance on import-dependent fossil fuels. Although we are still in the infancy stage of EV adoption, changes in the technology landscape and due to the government's focussed vision, the coming years will see EV sales surge in the sub-continent. Tesla's entry into India will ensure a slew of quality products in the EV market which will bring about healthy competition between global and Indian players.

EV sales in India stood at 3,80,000 in 2019-20, and the EV battery market at 5.4GWh in the same year. IESA expects the EV market to grow at a compound annual growth rate of 44 percent between 2020-2027, and to hit a 6.34 million annual unit sale by 2027. The annual battery demand is forecasted to grow at 32 percent to hit 50GWh by 2027. Of this, 40+GWh will be lithium-ion batteries. The battery market potential was estimated at \$580 million in 2019 and is forecasted to grow to \$14.9 billion by 2027. To boost indigenous manufacturing, the cabinet recently approved a production linked incentive scheme for 10 sectors, including Auto and Auto components and Advanced Cell Chemistry Battery.

Ever since EV became a buzzword, IESA has actively engaged with 12+ states and union territories to pioneer the way to increase production, infrastructure and services towards the adoption of EVs in India. Various State governments have led by example and announced EV policies to promote the development of electric mobility infrastructure and provide incentives for EV and energy storage manufacturing.

With a similar intention in mind we are delighted to announce the 8th Electric Mobility event India e-Mobility Conclave 2021 (IMC 2021) which focuses on the roadmap and outlook for e-mobility in India. This is a unique platform to interact, network and pick up on the market landscape, government policies, new products, EV and charging infrastructure deployment, as well as fast charging and swapping technologies.



Contact:

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AGENDA

12:30 – 13:00 Hrs	Registration
13:00 – 13:15 Hrs	Welcome Address
Session 1 (13:15 – 14:15 Hrs)	Panel Discussion: Electric Mobility Manufacturing Ecosystem: Opportunities and way forward <ul style="list-style-type: none">• Global & India - Current scenario and new opportunities• Phased manufacturing programme (PMP) to support indigenous manufacturing• PLI Scheme: Auto and auto components, Advanced Cell Chemistry (ACC)• State Level EV Policies (State procurement policies to drive adoptions)• Demand creation through FAME II Scheme
Session 2 (14:15 – 15:15 Hrs)	Panel Discussion: EV 360 (Power Train, Power electronics, EV Components, Battery, Battery monitoring and software platform) <ul style="list-style-type: none">• Opportunities to manufacture indigenous EV components (Enabling manufacturing hubs/clusters)• Supply chain & Technologies scale up• Development & field testing of motors• Thermal management & BMS, EV software and simulation• Recycling, Safety & second life of EV Batteries• Industry R&D investments, Role of Centre of Excellences (CoE) & national labs
15:15 – 15:30 Hrs	India eMobility Market Overview
15:30 – 15:45 Hrs	Break
Session 3 (15:45 – 16:45 Hrs)	Panel Discussion: EV Infrastructure & Innovative Business Models <ul style="list-style-type: none">• Current status of charging infra deployment & Key players• Status of Charging standards & interoperability• Business Models for Charging services providers• Swapping opportunities• Charging Infra management platforms• Requirement of standards, validation and testing• Battery as a service (BAS), Vehicle to Grid (V2G)• Impact of EV on Electricity Grid & Load Balancing
Session 4 (16:45 – 17: 00 Hrs)	Theme Talk: Corporate EV Adoption in India <ul style="list-style-type: none">• IESA EV Adopters Circle (IESA - EVAC)• Shared Mobility & Fleet Operation• EV adoptions for People and good carrier• EV adoptions in India by Corporates• Governments – Industry Partnership opportunities• Learning from early adoptions and way forward
Session 5 (17:00 – 18: 00 Hrs)	Panel Discussion: India – Emerging destination for e-mobility <ul style="list-style-type: none">• Challenges and roadmap• Funding opportunities• Investment and acquisition• New product, solutions launch• Innovative & emerging applications
18:00-18:30	Closing Remarks

Delegate Registrations:

For IESA Members: Free

For Non-Members: Early bird price till 15 July – INR 6,000 +tax

Regular ticket price, 15 July onwards – INR 8,000 + tax

For delegate registrations:

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