

### **Inaugural Session (1000 - 1105 Hrs)**

- **Mr Hari Thiagarajan**, Chairman, CII Tamil Nadu & Executive Director, Thiagarajar Mills Pvt Ltd
- **Mr Srinivas Venu**, Conference Chairman & Vice President – Strategy & Investment SoftBank Energy Group
- **Mr Mahesh Babu**, Managing Director & CEO, Mahindra Electric Mobility Limited
- **Mr C Samayamoorthy, IAS.**, Secretary – Transport Department, Government of Tamil Nadu
- **Mr Arjun Prakash**, Vice Chairman, CII Coimbatore & President, Effica Automation

### **Session I: OEMs Perspectives – Push Vs Pull (1110 – 1220 Hrs)**

**Session focus:** *India's transport sector can save 1.7 gigatonnes of cumulative carbon dioxide emissions and avoid about 600 million tonnes of oil equivalent (Mtoe) in fuel demand by 2030 through shared, electric, and connected passenger mobility and cost-effective, clean, and optimized freight transport. Countries like India, where EV adoption has been slower, could see better than average EV sales in the medium term if governments and early adopters continue to lead on procurement. COVID-19 has presented a new scenario by presenting opportunities for India's Energy and Mobility Sectors. how can India ensure that the auto industry continues to invest in electric vehicle (EV) research and development, manufacturing, and sales? The session will delve on EV Supply Chain, Financing, Policy Challenges that supports the goals of EV in India.*

- Mr Saurav Kumar, CEO and Founder, Euler Motors

### **Session II: Technology supporting EV Ecosystem: Retro to Future (1220 – 1335 Hrs)**

**Session focus:** *Charging infrastructure includes low speed charging stations in homes and workplaces as well as fast charging points located in public areas including shopping malls, petrol pumps, public parking and mass transit stations. Key challenges that has to addressed include fast charging, extended duration EV and long duration stationary batteries, motors and controllers. The session delves into topics of Battery manufacturing – policy framework for both EV & storage, Battery chemistries: Merits & De-Merits, Alternate battery chemistries available for Indian demographics, Swapping Technology: Cost implications & viable models, Policy & Regulatory recommendation on battery manufacturing & recycling, Standards & Homologations of EVs etc*

- **Dr Rahul Walawalkar**, President & Managing Director, Customized Energy Solutions India
- **Mr Manikandan P**, Director – Powertrain, Ola Electric Mobility Pvt Ltd

### **Session III: Clean Energy Transition: Smart Adaption to EV (1430 – 1530 Hrs)**

**Session focus:** *With a generation of 1,561 TWh, India is the third largest producer and the third largest consumer of electricity in the world. India has a clear intention of multiplying its*

*generation from renewable energy (RE) sources which are inherently intermittent. As policymakers prepare interventions and industries consider changes to their business models and operations, there is an opportunity to prioritize efforts that work towards building a clean, resilient, and least-cost energy future for India, including electric vehicles, energy storage, and renewable energy programs.*

- **Mr Srinivas Venu**, Vice President – Strategy & Investment SoftBank Energy Group
- **Mr Maxson Lewis**, Managing Director, Magenta Power
- **Mr Sandeep Bangia**, Business Head - EV Charging Ecosystem, Home Automation, ESCO, TATA Power

#### **Session IV: Energy Management & V2G Way Forward (1530 – 1615 Hrs)**

**Session focus:** *In view of EV, opportunities include improving the electricity distribution business and its operations, enabling renewables and distributed energy resources, and promoting energy resilience and local manufacturing of renewable energy and energy storage technologies. Smart Grids & Energy storage will play a key role in the overall clean energy transition & has the potential to unlock economic and environmental benefits. The batteries in EVs can act as ancillary services for the proliferation of distributed generation resources. Further, batteries are at the centre of the electric mobility transition and the emerging technologies will hugely influence the adaption to EV, mainly on Energy Management & Consumer Acceptance. Advanced Technologies like Data Analytics, AI & Machine Learning will strengthen the position and will need the attention of various stakeholders.*

- **Mr Kulbushan Kumar**, Director, PwC
- **Mr Ben**, Co-Founder, Village Energy