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## ENERGY STORAGE FOR TRANSPORTATION: WHAT LIES AHEAD

14<sup>th</sup> Nov, 2014 ♦ The Lalit, New Delhi

### AGENDA

**REGISTRATION & WELCOME TEA/ COFFEE:**

9 am onwards

**INAUGURAL SESSION:**

9:30 am – 11:30 am

- **CHIEF GUEST: PADMASHRI PROF ASHOK JHUNJHUNWALA**, Professor at the Department of Electrical Engineering, Indian Institute of Technology, Madras.
- **GUEST OF HONOUR: MR AMBUJ SHARMA**, Additional Secretary, Department of Heavy Industries, Government of India.
- **KEYNOTE ADDRESS:** "An Overview on the State of Vehicle Electrification and Li-ion Batteries" – **DR PRABHAKAR PATIL**, Chief Executive Officer, LG Chem Power Inc.
- "Creating a Manufacturing Facility for Li-Ion Battery in India" - **MR LUTZ ROSENLOCHER**, Project Director & **MR MARCIN CIOCEK**, Technical Manager for E-Mobility Solutions and Systems, ThyssenKrupp System Engineering.

**TEA/ COFFEE BREAK:**

11:30 am – 11:45 am

**SESSION I – ENERGY STORAGE & BATTERIES: THE STAKEHOLDERS' PERSPECTIVE**

11:45 am -1:35 pm

**Chairperson: Mr Vijayanand S**, Chief Executive Officer, Amara Raja Powersystems Limited

- "Energy Storage in Transportation – Putting Things in Perspective" by **MR ARGHYA SARDAR**, Head – Technology Foresight, TIFAC
- "Roland Berger Study on Automotive Batteries" – **DR WILFRIED AULBUR**, Managing Partner, Roland Berger Strategy Consultants, India
- "Policy & Regulations to Tackle Energy Storage Challenges of the Future" – **MR ANAND DESHPANDE**, Deputy Director, Automotive Research Association of India (ARAI)
- "Investing in the Future of Energy Storage" – **MR RAKESH MALHOTRA**, Founder & Chairman, Luminous Power Technologies, and Founder- SAR Group & Ncube Capital Partners
- "Meeting Demands of Future Automotive Batteries" – **DR SAPTARSHI GHOSH**, Manager – Business Development (Batteries), Bharat Electronics

**LUNCH BREAK:**

1:35 pm – 2:15 pm

**SESSION II – TECHNOLOGY INTEGRATION: BATTERY AND BATTERY MANAGEMENT SYSTEMS**

2:15 pm – 3:45 pm

**Chairperson: Dr Prabhakar Patil**, Chief Executive Officer, LG Chem Power Inc.

- “Tackling the Battery Challenge for Future Transportation – A Tata Motors View” – **DR VALERIE SELF**, Lead Engineer – Advanced Engineering, Tata Motors European Technical Centre, Coventry, United Kingdom
- “Battery Modeling using System and Multi-physics Approach” – **MR ASHISH DESHPANDE**, Lead Technology Specialist, ANSYS, Inc.
- “Future Developments and Challenges in Energy Storage for Transportation – A Material Perspective” – **DR JULIAN SCHWENZEL**, Head of Department, Electrical Energy Storage, Fraunhofer Institute for Manufacturing Technology and Advanced Materials (IFAM), Bremen
- “Application Specific Energy System Optimisation” – **MR JOEL GONEPOGU**, Head – Energy Systems, Mahindra Reva

**TEA/ COFFEE BREAK:**

3:45 pm – 4:00 pm

**PANEL DISCUSSION – “BUILDING AN ENERGY STORAGE & BATTERY VALUE CHAIN – CONCERNS & OPPORTUNITIES”**

4:00 pm – 5:30 pm

**Moderator: DR ARUN JAURA**, Managing Director, TRAKTION

**Panellists:**

- **MR SAJID MUBASHIR**, Member (R&D), National Automotive Board
- **DR PRABHAKAR PATIL**, Chief Executive Officer, LG Chem Power Inc.
- **DR JULIAN SCHWENZEL**, Head of Department, Electrical Energy Storage, Fraunhofer Institute for Manufacturing Technology and Advanced Materials (IFAM), Bremen
- **DR WILFRIED AULBUR**, Managing Partner, Roland Berger Strategy Consultants, India
- **MR VIJAYANAND S**, Chief Executive Officer, Amara Raja Powersystems Limited
- **MR JOEL GONEPOGU**, Head – Energy Systems, Mahindra Reva

----- **CONCLAVE ENDS** -----

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