



***International Conference on
Lead & Lead Batteries -Unlocking Their True Potential
1 & 2 Dec 2025, India International Centre, New Delhi
(Venue: Multipurpose Hall)***

TECHNICAL PROGRAMME

1st Dec 2025 (Monday)

08.30 hrs - Registration & Kit Collection

10.00 hrs - **Inaugural Session**

➤ **Opening Remarks:**

G Chandrashekhar, Sr. Editor & Policy Commentator

➤ **Welcome Address:**

L Pugazhenthay, Executive Director, ILZDA

➤ **Special Addresses:**

1. Mark Stevenson,
Chairperson, ABC & Recycle 100, **Australia**
2. Ms Susan Bernard,
Vice President, Battery Council International, **USA**
3. Prithvi Raj,
Board Member, Bureau of Middle East Recycling, **UAE**
4. S Ramachandra
Director, Indian Battery Manufacturers Association
5. Harshapal Singh Sawhney
President, Federation of Indian Small Scale Battery Associations
6. Dr Ashok Kumar,
President, Recycling & Environment Industry Association

➤ **Presentation of “ILZDA Awards”**

Response by the Awardees

➤ **Vote of Thanks**

➤ **National Anthem**

10.45 hrs - Tea/Coffee Break

Host:



11.00 hrs

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Technical Session-1: Recycling & Regulations

Chairman: Dr Dilip Boralkar

1) "Lead Market Outlook 2026 in Current Global Macroeconomic Setting"

by G Chandrashekhar, Sr. Editor & Policy Commentator

2) "Update on the US Battery Regulatory and Legislative Landscape"

by Ms Susan Bernard, Battery Council International (USA)

3) "The Future of Responsible Lead Production"

by Mark Stevenson, Chairperson ABC & ISLC (Australia)

4) "Lead & Lead Batteries – Developments in EU Regulations"

by Dr Steve Binks, International Lead Association (UK) (Virtual)

5) "Lithium Ion Battery Recycling – Incentives, Regulations & Safety"

by Bhuwan Purohit, Rubamin Limited

6) "Lead Recycling – Shifting Landscape"

by Yousef Al Sharif, Sharif Metals Group (UAE)

7) "Fuelling the Circular Economy" by Vijay Kumar Pareekh, Gravita India Ltd

13.20 hrs

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Lunch

Host:



14.00 hrs

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Technical Session-2: Recycling & Regulations

Chairman: V P Yadav

8) "Future of Lead Toxicity"

by Dr Thuppil Venkatesh, NRCLPI

9) "Technological Jump with EGT Ingot Casting Lines"

by Carmelo Maria Brocato, Engitec Technologies (Italy)

10) "Environmental Rules & Regulations Applicable to Lead Battery Recycling"

by Dr R N Jindal, Ex MoEF&CC

11) "Environmentally Sustainable Management of Lead Slag from Lead Acid Battery Recycling"

by Dr Vijai Singhal, ex Rajasthan State Pollution Control Board

12) "Lead Recycling in India – Caught Between a Rock & a Hard Place"

by Sandeep Ramesh, Nile Ltd

15.40 hrs

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Tea/Coffee Break

Host:



16.00 hrs

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Technical Session-3: Recycling & Regulations

Chairman: Vijay Kumar Pareekh

13) "Lead Recycling in India – Future Road Map"

by L Pugazhenthay, ILZDA

14) "Circular Economy with Accountability – Creating Transparent & Sustainable Lead Value Chains"

by Amit Goyal, Aadishakti Metal Recycling Pvt Ltd

15) "Building a Transparent Price Discovery for the Industry"

by Chittaranjan Rege, Multicommodity Exchange India Ltd (MCX)

16) "Green Lead Recycling – My Vision & Dream"

by Prithvi Raj, Green Future Battery Recycling LLC (UAE)

17.20 hrs - Panel Discussion

17.45 hrs - Day 1 Concludes

18.00 hrs - Cultural Evening – "Light Music" by Mahesh Music

Hosts:



19.30 hrs - Networking Dinner

Hosts:



2nd Dec 2025 (Tuesday)

10.00 hrs - **Technical Session-4: Technology & Markets**
Chairman: Mark Stevenson

17) "World Lead Supply & Demand for 2025-2026"

by Joao Jorge, International Lead and Zinc Study Group (Lisbon) (Virtual)

18) "Stationary Energy Storage – Can Lead Acid Battery Keep the LFP Away?"

by Dr Dipak Sen Choudhury, ex. Exide Industries Ltd

19) "New Frontier for Advanced Batteries – Torque-Assist in Hybrid Scooters & Motorcycles"

by Sandeep Krishna P, Amara Raja Energy & Mobility Ltd

20) "Reinventing Lead – Unlocking True Potential in a Changing Energy World"

by Dr Amlan Kanti Das, Luminous Power Technologies Pvt Ltd

21) "Benchmarking Lead Battery Technologies – A Comparative Analysis of AGM, SLI & EFB Systems for Micro-Hybrid Applications"

by Dr Sundar Mayavan, CECRI

11.40 hrs - Tea/Coffee Break

Host:



12.00 hrs - **Technical Session-5: Technology & Markets**
Chairman: Ms Susan Bernard

22) "Reality (Lead-Acid) vs Narrative (Lithium) in Solar Off Grid Applications"

by Dr N Sugumaran, Battery Consultant

23) "Emerging Applications for Lead Acid Battery in the Future"

by S Ramachandra, Indian Battery Manufacturers Association (IBMA)

24) “The Next Era of Energy – The Future Markets & Innovations in Lead Batteries”

by Dr Alistair Davidson, Consortium for Battery Innovation (UK) (Virtual)

25) “Innovation in Red Lead – Review of the Limits of Structural Optimization of PAM” by Micha Kirchgessner, Penox GmbH (Germany)

13.20 hrs - Lunch

Host:



14.20 hrs - **Technical Session-6: Technology & Markets**
Chairman: Dr Nanjan Sugumaran

26) “BESS in India’s Energy Transition – Opportunities for Lead Batteries”

by Dr Subhankar Chakrabarty, ex Exide Industries Ltd (Virtual)

27) “Effect of Nano Carbon on Lead Acid Batteries – Solar, E-rickshaws & SLI”

by Dr Akshay Jain, Cancree Pvt Ltd

28) “High End Lead Acid Battery to Support Latest Automotive Powertrain” by Anjan Roy, Exide Industries Ltd

29) “Nano-sized Lead Oxide (PbO) for Superior Performance of Lead Acid Battery” by C S Ramanathan, Battery Consultant (Virtual)

30) “Life Cycle Assessment Methodologies for Lead Acid Batteries”

by Dr Nawshad Haque, CSIRO Energy (Virtual)

16.00 hrs - Panel Discussion Session

16.45 hrs - Wrap up/Concluding remarks

17.00 hrs - High Tea

Host:



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