

India Battery Recycling and Reuse Summit

Date: 18th January 2025
Time: 09:00 AM - 06:00 PM IST
Venue: New Delhi.



IESA launched the India Reuse and Recycling Council (IRRC) in January 2024 to address the challenges related to battery waste management, promote sustainable practices, and contribute to a circular economy. The council aims to identify opportunities and challenges and prepare a roadmap for creating a sustainable ecosystem for second-life applications and battery recycling.

The council's concerted effort is focused on engaging with policymakers, industry stakeholders (companies operating across the battery value chain, including logistics, disposal agencies, refurbishers, recyclers, metal refiners, battery material producers, etc.), academia, and R&D institutions. This collaborative approach ensures a comprehensive and effective strategy. The council currently works with most Indian refurbishing and recycling companies. IRRC is actively engaged with the Ministry of Environment, Forest and Climate Change, the Central Pollution Control Board (CPCB), and the Ministry of Mines to help create a sustainable ecosystem for second-life applications and battery recycling in India.

Driven by the Ministry of Heavy Industries' ACC Production-Linked Incentive (PLI) scheme, 140+ GWh of gigafactories are expected to come up by 2030 nationwide. As of August 2024, nearly 4 million electric vehicles (EVs) have been sold in India, with sales anticipated to rise further due to the government's renewed focus on EV adoption through the PM-e Drive scheme. These developments are creating a pivotal moment in the battery sector, with an estimated 89 GWh of End of Life ACC batteries projected to enter the Indian market annually by 2030. Currently, 30,000 MT of dead ACC batteries are available in the market. This significant waste stream necessitates the formulation of a comprehensive policy and regulatory framework for battery circularity.

While the Battery Waste Management Rules 2022 have set a strong foundation for Extended Producer Responsibility (EPR) in India, further dialogue is essential to align with industry expectations and explore policy measures that support recycling and reuse initiatives.

At this summit, we will delve into battery recycling and reuse technologies, examine the global landscape, discuss safety standards, and identify key opportunities and challenges within the industry. Join us as we shape the future of battery sustainability in India.

Who Should Attend:



Battery materials
manufacturers



Battery waste recyclers
and refurbishers



Battery components
manufacturers



Battery waste producers, battery
pack assemblers



Government officials,
regulators, policymakers



Financing companies



Technology providers



Cell manufacturers
and importers

Key Discussion Themes:

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Battery Recycling Technologies, Indian & Global Landscape
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Indian and global regulatory scenario for end of life battery management, existing gaps in the policy framework and measures to address them
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Innovative Reuse Applications for used batteries for energy storage systems, grid stability, and renewable energy integration
- 

Life Cycle Assessment (LCA) of batteries from production to end-of-life
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Safety concerns related to battery recycling & re-use, battery design for ease of recycling
- 

Economic aspects of battery recycling, costs, market demand for recycled materials, and potential incentives for recycling programs
- 

Exploration of advancements in battery chemistry and their implications for recycling and reusability
- 

Supply chain challenges and guidelines for safe collection, storage and transportation of EoL batteries
- 

Research and Development needs to improve recycling efficiency
- 

Skilling needs for battery recycling and re-use industry



Early Bird Price:
INR 12,000+ taxes
(till 30th Nov 2024)

Regular Price:
INR 18,000+ taxes
(till 30th Nov 2024)

For registrations contact: event@indiaesa.info

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