



India Battery Manufacturing & Supply Chain Summit 2022

Date: 13-14 December 2022 | Time: 10:00 - 18:00 IST
Venue: Jacaranda Hall, India Habitat Center, New Delhi

Theme: Supply chain readiness for upcoming Battery Giga Factories in India and creating battery Second-life and Recycling eco-system in India

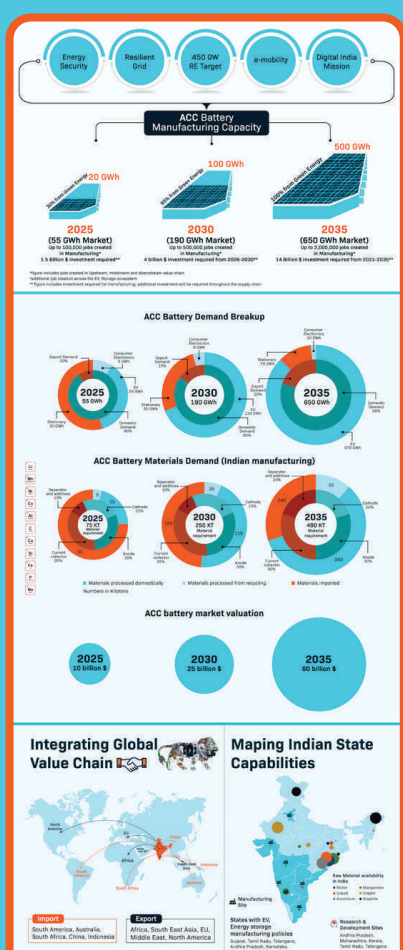
KEY HIGHLIGHTS

Report Launch:
Policy Recommendations on Devising Special Incentives for Supporting the Battery Supply Chain Industry in India

Roundtable Discussion:
Battery Second Life & Recycling

Opportunity for:
Battery Equipment Manufacturing and Component Supply

IESA ACC battery manufacturing vision



In a recent development in the National Program on Advanced Chemistry Cell (ACC) battery storage, three companies have signed the production-linked incentive (PLI) agreement to kick-start the process of building ACC battery Giga factories in the country. In addition to the allocated capacity (50 GWh) under this program, around ~ 150 GWh of capacity is anticipated in a similar timeframe. Also, a PLI scheme for Niche Battery chemistry with a cumulative capacity of 5 GWh will be announced soon. With this progress, the Indian battery manufacturing Industry is gearing up to set up pstream and intermediate-level supply chain manufacturing and contribute to the domestic value chain.

A study by IESA projects the ACC battery manufacturing capacity to be 100 GWh and 500 GWh by 2030 and 2035. To achieve these ambitious targets, there is a need for a roadmap to strategize the raw material supply chain, technology transfer, financial framework, policy framework, skill development, etc. The raw materials supply chain is limited and refined to specific global locations. Hence, the opportunities for creating a domestic value chain for mining, refining, processing, recycling, equipment manufacturing, and component supply are immense for new entrants and conglomerates to expand and diversify their plants in India.

Further, with the battery waste management rules in place, the recycling ecosystem in India is set to grow significantly. Various estimates suggest that around 20 GWh-48 GWh and 60 GWh-125 GWh batteries will be available for reuse and recycling in India by 2030. Therefore, developing battery reuse and recycling ecosystem will reduce waste volumes and bring cost-effectiveness to large-scale deployment of batteries in RE and other stationary applications. Further, introducing recycled materials into the battery supply chain will help offset the dependence on imports of critical materials.

In this regard, IESA launched two initiatives— India Battery Supply Chain Council (IBSCC) and IESA Reuse and Recycling Initiative (IRRI) to support the battery industry in various aspects of indigenous manufacturing. IBSCC enables the battery industry players to strategize the roadmap to facilitate large-scale manufacturing. IRRI identifies the opportunities and challenges and helps prepare a roadmap for creating a sustainable ecosystem for second-life applications and battery recycling in India.



Thrust areas of India Battery Supply Chain Council (IBSCC)



To emphasize the exploration of energy storage raw materials in India



To encourage the refining and chemical processing of materials in India



To develop equipment, machinery and components supply ecosystem in India



To promote research & development of new materials for energy storage through national labs and corporate organizations



To create an appropriate policy framework at the state and central level



To make India a global export hub for processed battery grade materials to other countries



To promote skill development and capacity-building activities in this domain



To support bilateral partnerships for raw materials procurement and technology transfer

Focus Areas of India Recycling & Re-USE Initiative (IRRI)



To facilitate market assessment, techno-commercial analysis, policy advocacy, etc.



Identify the challenges and opportunities



Enable the policy and regulatory framework and standards to create a sustainable ecosystem.

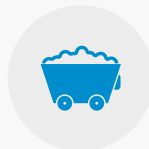


Create a sustainable battery waste procurement and green recycling process

Who should join?



Technology Providers, Potential Advanced Battery Manufacturers



Raw material, mining, refining and chemical processing companies



Recycling, urban mining companies



Equipment and component companies



R&D institutions



Policy makers and regulatory authorities

Book your tickets now:

Early bird registration (Until 15 November):

INR 25,000/-

Regular price (After 15 November):

INR 30,000/-

IESA Members (Until 15 November) : Complimentary passes (based on membership)