



# INDIA BATTERY MANUFACTURING & SUPPLY CHAIN SUMMIT 2025

Date: 15<sup>th</sup> - 16<sup>th</sup> January 2025 | Time: 09:00 AM - 06:00 PM IST  
Venue: NDMC Convention Centre, Sansad Marg, New Delhi, India

## Day- 1 (15<sup>th</sup> January 2025)

Time (HRS IST)		Session
09:00-10:00		
<b>Registration</b>		
10:00-11:00	Inauguration Session	<ul style="list-style-type: none"> <li>India Energy Storage Manufacturing Vision 2035</li> <li>India's Global Partnership- with USA, Australia and other European and African countries</li> <li>India's critical mineral mission</li> </ul>
11:00-11:20	Keynote Session	Leading States to Drive Battery Manufacturing
11:20-11:40		
<b>Tea Break</b>		
11:40-12:00	Keynote Session	Upcoming Giga factories in India and key challenges
12:00-12:20	Keynote Session	Indigenous Cathode Development
12:20-12:40	Technical Session	Global requirement of the High-performance cathode active material and its manufacturing
12:40-13:00	Technical Session	Li-Ion Anode Manufacturing
13:00-14:00		
<b>Networking Lunch</b>		
14:00-14:20	Technical Session	Experience from setting up a Lithium-Ion Cell Manufacturing plant in India and Key Learnings
14:20-14:40	Technical Session	Li-Ion Electrolyte Manufacturing
14:40-15:00	Technical Session	Requirement of Li-Ion Additives and its manufacturing
15:00-15:20	Technical Session	Role of Dry Rooms in Li-Ion Battery Manufacturing
15:20-15:40	Technical Session	Role of coating in the Manufacturing process
15:40-16:00	Technical Session	LFP Cathode Manufacturing in India to make self-reliant in the battery supply chain
16:00-16:20		
<b>Tea Break</b>		
16:20-16:40	Technical Session	The Global Battery Supply Chain: Manufacturing and Trade
16:40-17:00	Technical Session	Sodium Ion Battery Manufacturing Overview
17:00-	Technical Session	Zinc-based battery manufacturing and its supply

17:20		chain overview
17:20- 17:40	Technical Session	Formation, Aging & Testing Equipment & Process
17:40- 18:00	Market Session	Battery Cell Assembling

## Day- 2 (16<sup>th</sup> January 2025)

Time (HRS IST)		Session
10:00-10:20	Keynote Session	Global Race for Giga Factories
10:20-10:40	Policy Session	Recommendation on Devising Special Incentives for Battery Chemical Processing and component manufacturing in India
10:40-11:00	Special Session	Investment opportunities in Battery Manufacturing and giga factories
11:00-11:20	Special Session	Indias supply-chain resilience and a path to localized active materials supply
11:20-11:40	<b>Tea Break</b>	
11:40-12:00	Policy Session	India's critical minerals mission and securing battery critical minerals
12:00-12:20	Policy Session	Niche ACC Battery Storage Program for India (Solid State batteries, Hi temp batteries etc.)
12:20-12:40	Technical Session	Manufacturing Equipment import and opportunities to manufacture Battery manufacturing Equipments in India
12:40-13:00	Technical Session	Analytical capabilities for battery manufacturers from lab-to-line
13:00-14:00	<b>Networking Lunch</b>	
14:00-14:20	Raw Materials Session	Global lithium landscape
14:20-14:40	Raw Materials Session	Exploration, Mining and Refining of battery critical minerals in India
14:40-15:00	Raw Materials Session	Opportunity for battery-grade copper foil supply to Indian Giga factories
15:00-15:20	Raw Materials Session	Getting Battery Minerals to Circular Economy
15:20-15:40	Technical Session	Manufacturing of Solid-state batteries
15:40-16:00	<b>Tea Break</b>	
16:00-16:20	Keynote session	Challenges and Solutions of Electrode Mixing
16:20-16:40	Technical Session	Industrial X-ray Inspection for Cell Assembly on giga factory level to produce safer cells
16:40-17:40	Technical Panel	<ul style="list-style-type: none"> <li>• Enhancing Anode Current Collector Durability in Li-Ion Batteries through Passivation Layer Development</li> <li>• Recent innovations in analytical capabilities for battery manufacturing</li> <li>• Battery Thermal Management and temperature control</li> <li>• Importance of Leak Testing for completely sealed battery cells</li> <li>• The role and influence of industrial gases on battery performances</li> <li>• Export potential – factors to drive global competitiveness</li> </ul>
17:40-18:00		Advances in Lithium-ion battery separator Technology
18:00-18:15	Closing remarks & way ahead	