MSME Chamber of Commerce and Industry of India

6th Global SUSTAINABILITY SUMMIT & EXPO

28th - 29th July 2025 at Vigyan Bhavan, New Delhi, India

ON FOCUSSED SECTORS:

Plastic Pollution, Recycling, Packaging & Waste to Wealth

1 THEME

"Driving a sustainable future with innovative recycling, Eco-friendly packaging, plastic pollution control, and responsible waste management practices".

E-waste Recycling, Role of Lithium Batteries in Climate Change Mitigation, Impact of Energy Storage on Electric Vehicles

2 THEME

"Sustainable Mobility and Circular Solutions; E Waste, Lithium Batteries and Energy Storage in Electrical Vehicle Ecosystems"

Renewable Energy & Sustainable Energy (Oil & Natural Gas)

3 THEME

Renewable & Sustainable Energy Synergy:Unlocking Solar, Hydrogen, Biofuel,Oil & Natural Gas, Biogas for a Decarbonized World, Innovations, Technology & Energy Efficiency for a Sustainable Green Economy.

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सत्यमेव जयते

WORLD GREXPO INSPIRING GREEN WORLD

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6th Global Sustainability Summit & Expo: Advancing Solutions for a Greener Future

The 6th Global Sustainability Summit & Expo brought together thought leaders, innovators, policymakers, and industry experts to address some of the most critical environmental challenges of our time. The event focused on a diverse range of sectors including plastic pollution, recycling, packaging, waste-to-wealth, e-waste recycling, lithium batteries, electric vehicles (EVs), green/solar energy, hydrogen, biofuel, biogas, and industry decarbonization. Each of these topics plays a crucial role in advancing sustainability, combating climate change, and promoting a circular economy.

One of the key themes of the summit was **plastic pollution**, which continues to be a global environmental crisis. Experts discussed innovative solutions to reduce plastic waste, including the development of biodegradable alternatives, advanced recycling technologies, and global efforts to reduce plastic consumption. The summit also highlighted the importance of **recycling and packaging innovations**, with a focus on creating systems that not only reduce waste but also promote resource recovery through circular economy models.

E-waste recycling was another focal point, with discussions around the environmental hazards posed by the improper disposal of electronic devices. The summit emphasized the need for responsible e-waste management and the development of efficient recycling technologies to recover valuable materials and reduce landfill waste. Similarly, **lithium batteries** were discussed in the context of their role in energy storage solutions for **electric vehicles (EVs)** and their broader implications for **climate change mitigation.** The growth of EV adoption, supported by advancements in lithium-ion batteries, is seen as a key strategy for reducing carbon emissions from the transportation sector.

A major highlight of the event was the emphasis on **renewable energy sources**, particularly **green and solar energy**, which are essential for reducing reliance on fossil fuels and advancing decarbonization efforts. The summit also explored the potential of **hydrogen**, **biofuels**, and **biogas** as sustainable alternatives for powering industries and transportation while reducing emissions. As part of the broader conversation on **industry decarbonization**, leaders discussed the critical need for businesses to adopt cleaner, energy-efficient technologies to meet global climate goals.

In conclusion, the 6th Global Sustainability Summit & Expo showcased the critical importance of cross-sector collaboration and innovation in driving the transition toward a more sustainable, low-carbon future. By addressing the challenges and opportunities across these interconnected sectors, the summit reinforced the urgent need for collective action to protect the planet and ensure a sustainable future for generations to come.

MSME CHAMBER OF COMMERCE AND INDUSTRY OF INDIA

6th GLOBAL SUSTAINABILITY

SUMMIT & EXPO

E-Waste World Conference, Role of Lithium Batteries in Climate Change Mitigation & Impact of Energy storage in EV Sector

(Car, Bus, Truck, 3 Wheelers, Scooters & Bikes)

28-29 JULY 2025

VIGYAN BHAVAN, NEW DELHI

THEME » Sustainable Mobility and Circular Solutions; E Waste, Lithium Batteries and Energy Storage in Electrical Vehicle Ecosystems.

WORLD GREXPO
INSPIRING GREEN WORLD

Co-Organizer

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CONFERENCE
CHAIR WELCOME MESSAGE

Dear Participants, Sponsors, and Esteemed Speakers,

It is my great honor to welcome you to the **MSMECCII 2025 Global Sustainability Conference & Expo,** where we will delve into the pressing challenges and solutions in **E-waste Recycling,** the **role of Lithium Batteries in Climate Change Mitigation,** and the **Impact of Energy Storage on Electric Vehicles (EVs).**
This event, taking place at **Vigyan Bhawan, New Delhi, on July 28th & 29th, 2025,** brings together experts and leaders who are shaping the future of sustainable technology.

As the global demand for electronics continues to rise, the issue of **E-waste** has become a critical environmental concern. Improper disposal of electronic devices leads to toxic waste, which threatens both human health and the planet. Our focus at this conference will be to explore cutting-edge technologies and solutions for responsible e-waste recycling, ensuring that valuable materials are reclaimed and hazardous substances are safely managed.

Lithium-ion batteries, a cornerstone of modern electronics and electric vehicles, play a pivotal role in **Climate Change Mitigation**. These batteries store renewable energy, enabling the transition to cleaner power sources. However, as demand for lithium batteries grows, it is essential that we address challenges related to their recycling, resource efficiency, and lifecycle management.

Furthermore, **Energy Storage Solutions** are revolutionizing the electric vehicle (EV) sector. By enhancing battery performance and longevity, efficient energy storage systems enable EVs to travel further, while also helping to balance the grid and support renewable energy integration.

Throughout the conference, we will discuss innovative technologies, policy frameworks, and collaborative efforts that can drive sustainable practices in e-waste management, lithium battery recycling, and energy storage solutions. Together, we can create a greener future and advance the global movement towards reducing emissions and building a circular economy.

I look forward to insightful discussions, valuable collaborations, and the shared commitment to shaping a sustainable, electrified world.

Best Regards,

INDRAJIT GHOSH, GLOBAL CHAIRMAN
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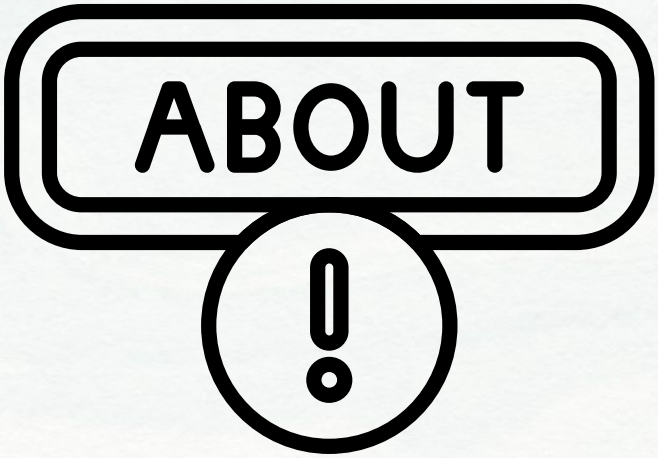

Conference on E-Waste Recycling, Role of Lithium Batteries in Climate Change Mitigation, and Impact of Energy Storage on the Electric Vehicle Sector

The global conference on E-Waste Recycling, the role of lithium batteries in climate change mitigation, and the impact of energy storage on the electric vehicle (EV) sector provided a comprehensive platform to address some of the most pressing challenges and opportunities in the fields of sustainability, innovation, and green technology. These interconnected topics represent key areas of focus for modern societies aiming to reduce carbon footprints, develop circular economies, and transition to cleaner energy solutions.

E-Waste Recycling: Addressing a Growing Crisis

Electronic waste (e-waste) continues to be one of the fastest-growing waste streams worldwide. The rapid pace of technological advancement and the increasing consumption of electronic devices have led to significant environmental and health hazards associated with improper disposal and recycling of e-waste. The conference emphasized the importance of developing efficient recycling systems that can handle the massive influx of outdated electronics.

One of the key discussions was around enhancing recycling techniques for various components in e-waste, particularly precious metals like gold, silver, and copper, as well as rare earth elements that are essential in the production of modern electronics. Experts underscored the need for advanced recycling technologies, which can not only improve the recovery rate of these materials but also reduce environmental contamination. By creating circular economies where components are reused and refurbished, industries can significantly reduce their reliance on virgin materials and minimize waste.

Governments, non-governmental organizations (NGOs), and corporations have begun collaborating to design more sustainable e-waste management strategies, with a focus on environmentally sound recycling practices. Policies that encourage manufacturers to design products with recyclability in mind, along with stricter regulations on the disposal of e-waste, are becoming increasingly important to combat the looming e-waste crisis.

Role of Lithium Batteries in Climate Change Mitigation

Lithium-ion (Li-ion) batteries have emerged as the cornerstone of modern energy storage solutions, particularly in electric vehicles (EVs) and renewable energy systems. Their role in climate change mitigation cannot be overstated, as they enable the storage and efficient use of renewable energy sources, thereby reducing dependence on fossil fuels.

The conference delved into the growing demand for lithium-ion batteries, especially in the context of the accelerating shift toward electric mobility. EVs are seen as one of the most effective solutions for reducing carbon emissions from the transportation sector, which is a major contributor to global warming. Lithium-ion batteries are the driving force behind this transition, offering high energy density, longer lifespan, and relatively lower environmental impact compared to traditional internal combustion engines.

However, the rapid growth in battery production raises concerns regarding the environmental and social impacts of lithium extraction, which is concentrated in regions like the lithium triangle in South America. Speakers highlighted the need for sustainable mining practices, recycling programs, and the development of alternative battery chemistries to reduce reliance on lithium and other critical materials. The use of second-life batteries, repurposing old EV batteries for stationary energy storage, was also identified as a promising solution to address battery disposal challenges and extend the lifespan of these resources.

Moreover, ongoing research into battery technologies such as solid-state batteries and sodium-ion batteries could provide breakthroughs that further mitigate the environmental impact of battery production and enhance the efficiency of energy storage systems. These advancements will be crucial in ensuring that lithium-ion batteries continue to play a pivotal role in reducing carbon emissions and mitigating climate change.

Impact of Energy Storage on the EV Sector

Energy storage technologies are essential for enabling the widespread adoption of electric vehicles. At the heart of this transformation is the development of high-performance batteries that can store energy efficiently and release it quickly, meeting the demands of modern EVs. The conference focused on the synergies between energy storage and the EV sector, emphasizing how advances in battery technology are propelling the transition to cleaner, more sustainable transportation systems.

Energy storage is not only integral to the operation of electric vehicles but also plays a critical role in balancing the grid when renewable energy sources like solar and wind are not available. As the electric grid becomes more decentralized with increasing use of renewable energy, energy storage solutions become essential in ensuring a steady supply of power for EV charging stations. The integration of large-scale energy storage systems with EV infrastructure can help alleviate issues related to charging station reliability and reduce grid stress.

Speakers at the conference also highlighted the importance of the “Vehicle-to-Grid” (V2G) concept, which enables electric vehicles to serve as mobile energy storage units. With V2G technology, EVs could discharge energy back into the grid during peak demand periods, contributing to grid stability and further promoting the use of renewable energy sources. This

technology not only maximizes the utility of EV batteries but also reduces the overall cost of energy storage by leveraging existing infrastructure.

Additionally, the development of ultra-fast charging technologies was identified as another critical advancement to support the growth of the EV market. Advances in both charging infrastructure and battery chemistry are expected to shorten charging times, making EVs more convenient for consumers and accelerating the transition from internal combustion engine vehicles to electric ones.

Conclusion ✅

The conference highlighted the interconnections between e-waste recycling, the role of lithium-ion batteries in climate change mitigation, and energy storage solutions for the electric vehicle sector. It was clear that each of these topics plays a vital role in building a sustainable future, where clean energy systems and circular economies contribute to mitigating climate change and reducing environmental impact. The event underscored the importance of collaboration between industry, government, and academia to address these challenges and leverage technological innovations for a greener, more sustainable world.

As the world continues to move toward a low-carbon future, the conference emphasized that continued research, investment, and global cooperation are critical in advancing these technologies. Only through coordinated efforts can we ensure that the promise of e-waste recycling, lithium battery solutions, and energy storage technologies is fully realized in the fight against climate change.

28th - 29th July 2025

VIGYAN BHAVAN MAULANA AZAD RD, RAJPATH AREA, CENTRAL SECRETARIAT, NEW DELHI, DELHI 110011

Benefit

Environmental Protection

Proper e-waste management reduces pollution, prevents hazardous material leakage, and protects ecosystems.

Resource Recovery

Recycling and reusing e-waste extract valuable materials like rare metals, reducing the need for virgin resources.

Economic Growth

E-waste recycling and circular economy practices create jobs and stimulate green innovation.

Sustainability Goals

EPR ensures manufacturers take responsibility for the entire lifecycle of their products, aligning with global sustainability targets.

Waste Reduction

Circular economy principles minimize waste by designing for durability, repairability, and recyclability.

Decarbonization of Transportation

EVs powered by lithium batteries eliminate tailpipe emissions, significantly reducing the carbon footprint of the transportation sector.

Support for Renewable Energy

Energy storage systems integrate intermittent renewable sources like solar and wind into the grid, ensuring a reliable energy supply.

Energy Efficiency

Lithium batteries offer high energy density, faster charging, and longer lifespans, making EVs a viable alternative to fossil fuel-based vehicles.

Economic Opportunities

The growth of the energy storage market drives innovation, job creation, and technological advancements.

Climate Change Mitigation

Reduced reliance on fossil fuels helps curb global warming and achieve international climate goals.

Why to Attend

E waste recycling, role of lithium battery in climate change mitigation, impact of energy storage on EV

1. Stay Informed on E-Waste Recycling Innovations
2. Understand the Role of Lithium Batteries in Climate Change Mitigation
3. Gain Insights on Battery Recycling and Second-Life Applications
4. Explore the Impact of Energy Storage on the EV Sector
5. Networking with Industry Leaders and Experts
6. Discover Investment and Funding Opportunities
7. Learn About Circular Economy Solutions
8. Improve Your Knowledge on Sustainability and Carbon Reduction
9. Career Advancement and Industry Trends
10. Hands-on Learning and Case Studies
11. Understanding the Economic Potential of E-Waste and Battery Recycling
12. Collaborate on Solutions to Global Challenges

Key Highlights

01.
Insights into global e-waste trends and their environmental impacts.

02.
Discussions on EPR frameworks and their implementation challenges.

03.
Case studies showcasing successful circular economy models in e-waste management.

04.
Exhibits of cutting-edge recycling technologies and solutions.

05.
Workshops on fostering collaboration between manufacturers, recyclers, and policymakers.

06.
Showcase of innovative energy storage technologies for EV.

07.
Insights into the evolving role of lithium-ion batteries in climate change mitigation.

08.
Discussions on sustainable sourcing and recycling of battery materials.

09.
Case studies on successful EV deployment and its impact on emissions reduction.

10.
Networking opportunities with industry leaders, policymakers, and researchers.

Challenges

Collection Systems	Inefficient or inadequate e-waste collection networks hinder proper recycling.
Regulatory Gaps	Lack of standardized global policies for e-waste management and EPR implementation.
Consumer Awareness	Limited public knowledge about proper e-waste disposal methods.
Technological Barriers	High costs and complexities of recycling advanced electronics.
Informal Recycling	Unregulated e-waste processing in developing regions leads to environmental and health hazards.
Resource Scarcity	Mining raw materials like lithium and cobalt raises environmental and ethical concerns.
Recycling and Disposal	End-of-life battery management remains a significant challenge in terms of cost and efficiency.
High Costs	Energy storage systems and EVs are still relatively expensive, limiting widespread adoption.
Grid Integration	Managing the demand and supply of stored energy requires advanced infrastructure.
Supply Chain Vulnerabilities	Dependence on a few countries for raw materials poses risks to production stability.

"SUSTAINABLE MOBILITY AND CIRCULAR SOLUTIONS; E WASTE, LITHIUM BATTERIES AND ENERGY STORAGE IN ELECTRICAL VEHICLE ECOSYSTEMS"

Expectation of the Participants from this event

The e-Waste Recycling, Role of Lithium Batteries in Climate Change Mitigation, and Impact of Energy Storage on Electric Vehicle (EV) Global Conference is a significant event that brings together experts, stakeholders, and innovators focused on tackling the challenges and opportunities related to electronic waste, energy storage technologies, and electric vehicles. Participants will likely have a range of expectations depending on their sectors and interests. Below are some common expectations:

1. Technological Advancements and Innovations:

• E-Waste Recycling Solutions: Participants expect to learn about the latest technological innovations and methodologies for improving e-waste recycling, especially in terms of reducing environmental harm and recovering valuable materials like precious metals, rare earth elements, and plastics.

• Battery Recycling Technologies: Attendees would be keen on discovering new methods for safely recycling lithium batteries, which are essential for electric vehicles and renewable energy storage, in ways that minimize environmental impacts and enhance resource recovery.

• Energy Storage Innovations: Innovations in battery technologies and energy storage systems, especially those that improve energy efficiency, lifespan, and cost-effectiveness for both EVs and grid-scale applications, will be a primary focus.

2. Environmental and Climate Change Mitigation:

• Battery Role in Climate Change Mitigation: Participants will want to understand how lithium-ion batteries and energy storage technologies contribute to reducing greenhouse gas emissions, especially in the context of supporting renewable energy integration and accelerating the shift to electric vehicles (EVs).

• Sustainable Practices: Attendees will expect discussions on how to ensure the sustainability of lithium batteries throughout their lifecycle, from production to disposal, and how to make recycling processes more eco-friendly.

3. Circular Economy and Waste Management Strategies:

• Circular Economy Integration: There will be an expectation for discussions on how to integrate lithium-ion batteries and other electronic waste into a circular economy, focusing on reuse, remanufacturing, and reducing the environmental impact of disposal.

• Policy and Regulation Frameworks: Participants may expect to explore the regulatory frameworks around e-waste management and lithium battery recycling to encourage more sustainable practices and reduce illegal dumping or improper disposal.

4. Electric Vehicle (EV) Development and Adoption:

• Energy Storage and EVs: Participants involved in the EV sector will want to understand how advances in energy storage and lithium-ion batteries will impact the performance, affordability, and adoption of electric vehicles.

• Infrastructure for EV Charging: There will likely be discussions on the development of EV charging infrastructure and how energy storage systems can complement charging networks to improve efficiency and reduce grid strain.

• EV Battery Lifespan and Recycling: Understanding how EV battery technology is evolving, including battery lifespan, recycling rates, and second-life uses, will be a key topic for many stakeholders, from manufacturers to environmentalists.

5. Investment and Market Opportunities:

• Investment in e-Waste and Battery Recycling: Investors will be interested in identifying opportunities in the e-waste recycling sector, as well as new markets for advanced battery technologies and sustainable energy storage systems.

• Growth in EV and Energy Storage Sectors: Many participants will expect to explore the rapid growth of the electric vehicle market and the role of energy storage in supporting this growth, including opportunities for investment in startups or established companies focusing on these areas.

6. Collaborative Partnerships and Networking:

• Cross-Sector Collaboration: There will be a strong desire for networking and collaboration opportunities, especially among stakeholders from the automotive, energy, technology, and recycling sectors. Participants will seek ways to work together on shared goals, such as reducing the environmental impact of battery production and increasing recycling rates.

• Public-Private Partnerships: Government representatives, corporations, and NGOs will likely expect to discuss the role of public-private partnerships in driving policy development and innovation in e-waste recycling and energy storage technologies.

7. Policy Advocacy and Regulatory Insights:

• Global Policy Frameworks: Policymakers and regulators will seek insights into global best practices for managing e-waste and advancing the use of lithium batteries in a way that aligns with sustainability goals.

• Battery Recycling Legislation: Participants may also expect discussions on how governments can incentivize battery recycling and improve the environmental standards of battery production through legislation, such as extended producer responsibility (EPR) laws and waste disposal regulations.

8. Consumer Behavior and Public Awareness:

• Consumer Education: Advocates and organizations will be interested in strategies for educating the public about the importance of proper e-waste disposal, recycling, and the environmental impacts of lithium batteries.

• Sustainability in Consumer Electronics: The conference may provide opportunities to discuss how consumer electronics manufacturers can adopt more sustainable practices, such as designing products that are easier to recycle and using materials that are less harmful to the environment.

9. Global Collaboration and Scalability:

• Global Solutions for Local Challenges: Given the global nature of e-waste and battery recycling issues, participants will expect discussions on how to develop scalable, global solutions that can be tailored to local contexts, such as infrastructure development, regulatory frameworks, and public awareness campaigns.

• International Collaboration: There may be an expectation for international collaborations that can enhance global recycling systems and promote the widespread adoption of sustainable technologies.

10. Measurable Outcomes and Action Plans:

• Concrete Action Plans: Many participants will be eager to leave the conference with actionable insights, strategies, or frameworks they can implement in their own countries, organizations, or industries to advance e-waste recycling, lithium battery sustainability, and EV adoption.

• Commitments to Innovation: It is likely that many will hope for commitments from stakeholders, including governments and corporations, to prioritize innovation, investment, and action on critical issues like e-waste, battery recycling, and the role of energy storage in climate change mitigation.

By addressing these expectations, the conference can drive forward the global agenda for tackling electronic waste, promoting sustainable battery technologies, and accelerating the transition to a greener, more sustainable future.

SPONSORSHIP

July- Delhi, September- Kolkata,January- Mumbai

Sponsors-Name	INR	USD	Complimentary Delegates
Premium Event Sponsor	15 Lacs + 18% Gst	$ 20,350	10
Title Sponsor	10 Lacs + 18% Gst	$ 13,565	8
Diamond Sponsor	7.5 Lacs + 18% Gst	$ 10,175	6
Platinum Sponsor	6 Lacs + 18% Gst	$ 8,140	5
Golden Sponsor	5 Lacs + 18% Gst	$ 6,785	4
Silver Sponsor	3 Lacs + 18% Gst	$ 4,070	3
Bronze Sponsor	2 Lacs + 18% Gst	$ 2,715	2
Stall (size-4,6,9,12 sqm)	10,000 /sqm+ 18% Gst	$ 135	1
Standees Rate	10,000 + 18% Gst	$ 135	NIL
Mug Sponsor	2.0 Lacs + 18% Gst	$ 2,750	1
Conference Souvenir Sponsor	5 Lacs + 18% Gst	$ 6,065	2
Souvenir Front Page	75,000 + 18% Gst	$ 1,030	NIL
Souvenir front inside page	70,000 + 18% Gst	$ 965	NIL
Souvenir back page	65,000 + 18% Gst	$ 960	NIL
Souvenir back inside page	60,000 + 18% Gst	$ 825	NIL
Souvenir full page advertisement	15,000 + 18% Gst	$ 205	NIL
Souvenir half page advertisement	7500 + 18% Gst	$ 105	NIL
Plastic Recycling partner	3 Lacs + 18% Gst	$ 4,070	3
Waste Management Partner	3 Lacs + 18% Gst	$ 4,070	3
Green/Solar Energy Partner	3 Lacs + 18% Gst	$ 4,070	3
Hydrogen Partner	3 Lacs + 18% Gst	$ 4,070	3
Decarbonization Partner	3 Lacs + 18% Gst	$ 4,070	3
Supporting Logo	20,000 + 18% Gst	$ 270	NIL
One Day Lunch Sponsor	3 Lacs + 18% Gst	$ 4,120	2
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Cocktail & Dinner Sponsor	10 Lacs + 18% Gst	$ 13,565	5
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EPR Partner	2 Lacs + 18% Gst	$ 2,810	2
Knowledge Partner	2 Lacs + 18% Gst	$ 2,810	2
Kit Sponsor	3 Lacs + 18% Gst	$ 4,120	2
Lanyard Sponsor	75,000 + 18% Gst	$ 1,020	NIL
Key Chain Sponsor	1.5 Lacs + 18% Gst	$ 2,035	NIL
Registration Centre & Luggage Centre Sponsor	75,000 + 18% Gst	$ 1,020	NIL
Delegate Registration Fees	6,000 + 18% Gst	$ 85	NIL
Awardee + 1	6,000 + 18% Gst	$ 85	NIL

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Promotional Banner	✓	✓	✓	✓	✓	✓	✗
Advertisement in our conference souvenir	✓	✓	✓	✓	✓	✓	✓
Advertisement logo on Invitation Card	✓	✓	✓	✓	✗	✗	✗
Conference kit Bag	✓	✓	✓	✓	✓	✓	✓
Speaking Opportunity	✓	✓	✓	✓	✓	✓	✗
Interview with Paper or Magazine or TV	✓	✓	✓	✓	✓	✗	✗
Sponsor Momento	✓	✓	✓	✓	✓	✓	✓
Conference Podium (Logo will be displayed)	✓	✓	✓	✓	✓	✓	✗
Venue Stage & Backdrop	✓	✓	✓	✓	✓	✓	✓
Flex Banner During Conference	✓	✓	✓	✓	✓	✓	✓
Advertisement all social media	✓	✓	✓	✓	✓	✓	✓
Article Publish in Souvenir	✓	✓	✓	✓	✓	✓	✗
Complementary delegate pass	10 PASS	07 PASS	06 PASS	05 PASS	04 PASS	03 PASS	02 PASS
Cocktail & Dinner	10 PERSON	07 PERSON	06 PERSON	05 PERSON	04 PERSON	03 PERSON	02 PERSON
Complementary Exhibit display space	12 SQM	9 SQM	6 SQM	6 SQM	6 SQM	✗	✗
Logo branding pre-event promotion	✓	✓	✓	✓	✗	✗	✗
AV During breaks on the event	✓	✓	✓	✗	✗	✗	✗
Memberships Complementary	5 YEARS	3 YEARS	2 YEAR	1 YEAR	✗	✗	✗
Photo Album sharing	✓	✓	✓	✓	✓	✓	✓
Lunch / Tea, Coffee, Snacks	✓	✓	✓	✓	✓	✓	✓
Video Promoted in social media	✓	✓	✓	✓	✓	✗	✗
Standee during conference	8	6	5	4	3	2	1
Exclusive +18% GST							

MSME CHAMBER OF COMMERCE AND INDUSTRY OF INDIA

ORGANIZER

28th - 29th July 2025

SUPPORTED BY

World Grexpo Foundation

(SEPC) Services Export Promotion Council (Under Ministry of Commerce and Industry)

Govt. Ministry Confirmation Awaited

- Ministry of Electronics & Information Technology
- Ministry of Road, Transport & Highways
- Ministry of Heavy Industries

E-WASTE REFURBISHMENT & RECYCLING, TECHNOLOGY, EPR, CIRCULAR ECONOMY

EXIGO RECYCLING PRIVATE LIMITED

Just Dispose® RECYCLING PVT. LTD.

ELECTRICAL MOBILITY & BATTERY REFURBISHMENT, BATTERY RECYCLING, OEMS

REDON

OSM OMEGA SEIKI MOBILITY

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MSME Chamber of Commerce and industry of India

GLOBAL SUSTAINABILITY CONCLAVE

Jointly Organising with World Grexpo Foundation, SEPC (Service Export Promotion Council under Ministry of Commerce and Industry Govt. of India, Delhi)

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Global Chairman-MSME Chamber of Commerce and Industry of India

Chairman & Managing Director World GREXPO Foundation

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Dr Abhay Sinha

Director General Services Export Promotion Council

Ranjit S Baxi

president of the Bureau of International Recycling

K D Bhardwaj

Director and Group Head Environment and Energy , International Services , National Productivity Council

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Dr. Santanu Kumar Dutta

Member Secretary Pollution Control Board Assam

Erik Solheim

Chairman -The sixth and former UN Environment Executive Director and under secretary-General of the United Nations

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Dr. Rajeev Mishra

National-President Federation of electric vehicle Association

Virendra Goyal

Head Business Development -EV Charging The Tata Power Company Limited

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Vice President - Corporate Affairs @ Ashok Leyland

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Founder CEO of Sampoorn EV Pvt. Ltd.
instead of Eashwa Automotive,

E - WASTE RECYCLING, TECHNOLOGY, EPR & CIRCULAR ECONOMY

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Global Leadership Coach | Pharma Business Leader | Keynote speaker

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Speaker Guidelines

- You may submit applications by email at ighosh.1457@gmail.com
- Please make sure you have to submit the speaker's details once the speaking slot is confirmed by the organizers.
- Speakers are responsible for their own travel and accommodation arangements.
- All conference session times and locations will e listed online in the Scheduled Conference Section.
- Please note that the agenda/schedule is subject to change.
- In case of late sbmission of the presentation, organizers shall have the right to disqualify the speaker and slall replace it with another presentation.
- Speaker has to respect the duration/allotted time of the slot.
- No vidos will be allowed in the presentation which will showcase the company's branding or product promotions without prior confirmation.

Contact Us

For inquiries regarding sponsorship opportunities, abstract submissions, or general conference information, please contact **ighosh.chairman@msmeccii.in** or visit our website at **www.msmeccii.in**

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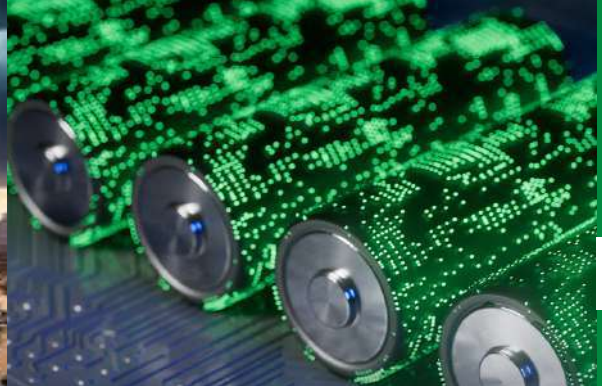


2 DAYS EVENT AGENDA

28-29 JULY 2025

E-Waste Recycling, Lithium Batteries in Climate Change Mitigation & Impact of Energy Storage on Electric Vehicles Conference Agenda

Day 1: E-Waste Recycling, Lithium Batteries and Climate Change Mitigation

Time	Agenda item
08:00 – 09:00	**Registration and Welcome Reception** Welcome coffee and tea with light refreshments.
09:00 – 09:30	**Opening Remarks & Conference Introduction** • Welcome Address by Conference Chair • Overview of the conference objectives and the critical importance of e-waste recycling and energy storage systems in addressing climate change • Introduction to key themes: e-waste recycling, lithium battery innovations, and the role of energy storage in electric vehicles (EVs)
09:30 – 10:15	**Session 1: The Global Challenge of E-Waste Recycling** • Overview of the current global e-waste landscape • The environmental and health hazards of improper e-waste disposal • Opportunities and challenges in the recycling of electronic waste • Panel Discussion: What are the most promising technologies and policies for improving e-waste recycling?
10:15 – 10:45	**Session 2: The Role of Lithium Batteries in Climate Change Mitigation** • Lithium-ion batteries: Importance in clean energy storage and electric mobility • How lithium batteries support the transition to renewable energy • Lifecycle analysis of lithium batteries: from extraction to recycling • Panel Discussion: Are lithium-ion batteries the key to reducing carbon emissions, or do they pose hidden challenges?

	
10:45 – 11:15	**Session 3: The Environmental Impact of Lithium Extraction and Mining** ● Challenges in the mining and extraction of lithium and its impact on ecosystems ● Sustainable mining practices for lithium and other essential materials ● Innovations in reducing the environmental footprint of lithium battery production ● Panel Discussion: Can we mitigate the environmental impacts of lithium extraction while meeting growing demand?
	
11:15 – 11:45	**Session 4: E-Waste Recycling: Innovative Solutions and Technologies** ● Innovations in the recycling of electronic waste: new methods, equipment, and systems ● Best practices in e-waste collection, sorting, and processing ● The role of public-private partnerships in tackling the e-waste challenge ● Panel Discussion: How can we scale up global e-waste recycling efforts to create a circular economy?
	
11:45 – 12:15	**Tea / Coffee / Snacks & Networking Break**
12:15 – 01:00	**Session 5: Lithium Battery Recycling: Challenges and Opportunities** ● Current state of lithium battery recycling technologies ● The economics of lithium-ion battery recycling: Feasibility, cost, and scalability ● The role of innovation in creating a more efficient recycling process ● Panel Discussion: How do we make lithium battery recycling a key element of the circular economy?
	
01:00 – 02:00	**Networking Lunch** Lunch served with opportunities for networking
02:00 – 02:45	**Session 6: Regulatory Frameworks and Policies for E-Waste and Battery Recycling** ● Overview of global regulations and standards for e-waste and battery recycling ● The role of governments in promoting sustainable recycling practices ● Case studies on successful regulatory frameworks ● Panel Discussion: How can international regulations be harmonized to promote effective e-waste and battery recycling?
	

02:45 – 03:30 **(BYD)** 	**Session 7: Energy Storage in Electric Vehicles: Current Landscape and Technologies** ● Introduction to energy storage systems in electric vehicles (EVs) ● Key types of energy storage: Lithium-ion batteries, solid-state batteries, ultra-capacitors, and emerging technologies ● How energy storage affects the range, performance, and efficiency of electric cars ● Panel Discussion: What are the strengths and limitations of current energy storage technologies for EVs?
03:30 – 04:15 **(HYUNDAI)** 	**Session 8: Advancements in Battery Technologies for Electric Cars** ● Innovations in battery technologies enhancing electric vehicle performance ● The role of fast-charging batteries, extended range, and higher energy density ● Current research on next-gen battery chemistries (solid-state, lithium-sulfur, and beyond) ● Case Studies: How leading automakers are improving energy storage systems in their electric vehicles. ● Panel Discussion: What breakthroughs in battery technology will define the future of electric vehicles?
04:15 – 04:45	**Tea / Coffee / Snacks Break**
04:45 – 05:30 **(MARUTI)** 	**Session 9: Impact of Energy Storage on EV Performance and Cost Efficiency** ● How energy storage systems influence electric car performance: Acceleration, efficiency, and range. ● The economic impact of energy storage on the total cost of ownership (TCO) of electric vehicles. ● The relationship between energy storage capacity, vehicle weight, and driving experience. ● Case Studies: How energy storage optimizes fleet performance for electric car-sharing and ride-hailing services ● Panel Discussion: How can we reduce the cost of energy storage while maintaining performance?
05:30 – 06:15 **(TATA)**	**Session 10: Charging Infrastructure and Energy Storage Synergies** ● Role of energy storage in optimizing EV charging infrastructure. ● The impact of fast-charging and vehicle-to-grid (V2G) technologies on energy storage. ● Addressing the challenges of scaling EV charging stations and balancing grid demand. ● The potential for home energy storage systems to support electric car charging. ● Panel Discussion: How can energy storage systems support the growth of EV charging infrastructure and ensure grid stability?

	
06:15 – 07:00	**Awards**
07:00 – 11:30	**Cocktail & Dinner at Hotel Royal Plaza**

E-Waste Recycling, Lithium Batteries in Climate Change Mitigation & Impact of Energy Storage on Electric Vehicles Conference Agenda

▶ Day 2: The Impact of Energy Storage on Electric Vehicles (EVs) and Sustainable Mobility

Time	Agenda item
08:00 – 09:00	**Opening Remarks** • Welcome Address by Conference Chair. • Overview of the conference agenda and objectives. • Importance of energy storage in the context of electric buses and sustainable transportation.
	
09:00 – 09:45	**Session 1: Energy Storage Systems for Electric Vehicles** • The role of energy storage in enhancing the performance of electric vehicles (EVs). • Innovations in lithium battery technology for electric vehicles • Comparison of energy storage solutions for EVs: Lithium-ion vs. solid-state batteries. • Panel Discussion: How do energy storage advancements make electric vehicles more viable?
	
09:45 – 10:30	**Session 2: Impact of Energy Storage on Electric Cars and Trucks** • How battery storage technology is transforming electric cars, trucks, and buses. • Charging infrastructure and fast-charging solutions. • Case studies of electric vehicles (EVs) in commercial and industrial sectors. • Panel Discussion: What are the key barriers to wide-scale adoption of electric vehicles in freight and transportation industries?
	

	
10:30 – 11:15	**Session 3: Advancing Battery Technologies for Sustainable Mobility** • Advances in solid-state batteries and their impact on EVs • The role of energy storage technologies in extending the lifespan of electric vehicle batteries. • Challenges in scaling new battery technologies for mass-market adoption. • Panel Discussion: Will solid-state batteries revolutionize the electric vehicle industry?
	
11:15 – 11:45	**Session 4: The Future of 2-Wheelers, 3-Wheelers, and Small EVs** • The rise of electric 2-wheelers and 3-wheelers in urban mobility. • Impact of energy storage solutions on range, affordability, and performance. • The role of government policies in promoting electric 2-wheelers and scooters. • Panel Discussion: How can we further accelerate the adoption of electric 2-wheelers and 3-wheelers in cities?
	
11:45 – 12:15	**Tea / Coffee / Snack / Break**
12:15 – 01:00	**Session 5: Charging Infrastructure for Electric Vehicles: A Key to Widespread Adoption** • Current challenges in EV charging infrastructure. • Innovations in fast-charging and wireless charging technologies. • Public vs. private sector involvement in charging network development. • Panel Discussion: What is the roadmap for expanding global EV charging infrastructure?
	
01:00 – 02:00	**Lunch** Lunch with time for further discussions and collaborations

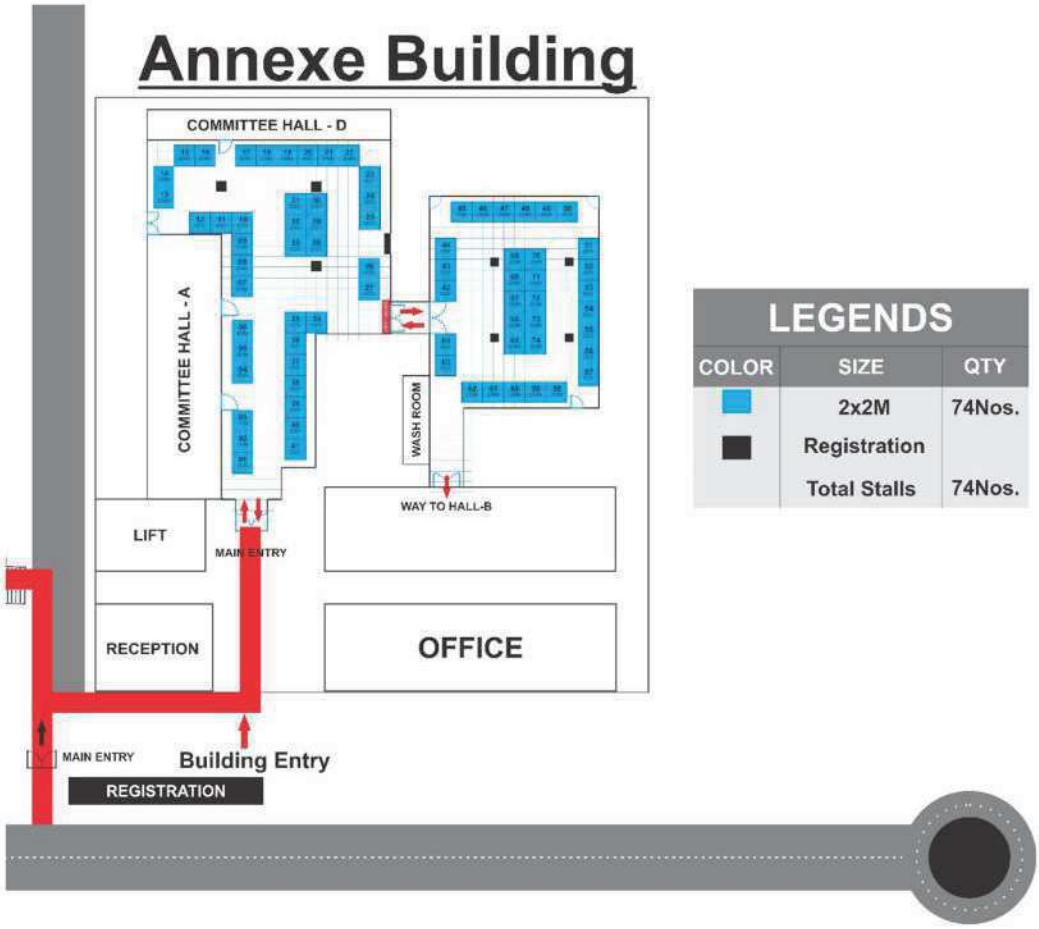
Time	Agenda item
02:00 – 02:45 **(JBM)** 	**Session 6: Charging Infrastructure and Its Impact on Electric Bus Operations** • Importance of reliable, fast-charging infrastructure for electric buses. • Charging options for electric buses: Opportunity charging, depot charging, and pantograph systems. • How energy storage systems complement and optimize charging infrastructure. • Addressing the challenges of scaling up charging networks in urban and rural areas. • Panel Discussion: What are the key considerations when planning and implementing EV charging networks for buses?
02:45 – 03:30 	**Session 7: The Role of Battery Storage in the Decarbonization of the Transport Sector** • How energy storage systems contribute to reducing the carbon footprint of the transportation sector • Decarbonization strategies: Battery electric vehicles (BEVs), hydrogen, and hybrid models. • The integration of EVs with renewable energy systems and grid stability. • Panel Discussion: How can the transport sector achieve its decarbonization goals using energy storage?
03:30 – 04:30 **(MG MOTORS)** 	**Session 8: Environmental and Economic Benefits of Energy Storage in Electric Cars** • Reducing carbon footprints through the integration of energy storage and renewable energy sources • Economic benefits: How energy storage contributes to reducing operating costs for electric car owners • Assessing the lifecycle environmental impact of electric vehicle batteries and their energy storage systems • Case Studies: The environmental and financial advantages for cities adopting electric car fleets with energy storage systems. • Panel Discussion: How can energy storage in electric vehicles contribute to achieving global sustainability and climate goals

	
04:30 – 05:00	**Tea / Coffee / Snack / Break**
05:00 – 05:45 **(ASHOK LEY LAND)**	**Session 9: Advancements in Battery Technologies for Electric Buses** ● Innovations in battery technologies and their impact on electric bus performance. ● The role of fast-charging, long-range batteries in improving bus operations. ● Current developments in battery efficiency, lifespan, and cost reduction. ● Case Studies: Successful implementations of advanced battery technologies in electric bus fleets. ● Panel Discussion: What are the next big breakthroughs in battery technology that will reshape the electric bus sector?
	
05:45 – 06:30 **(TATA)**	**Session 10: Overview of Electric Buses and the Role of Energy Storage** ● Introduction to the electric bus market: Growth, challenges, and opportunities. ● The role of energy storage in the performance, range, and efficiency of electric buses. ● Key types of energy storage systems used in electric buses: Lithium-ion batteries, solid-state batteries, and ultra-capacitors. ● Panel Discussion: How can energy storage technologies evolve to meet the unique needs of electric buses?
	
06:30 – 07:00	**Closing Remarks**

Vigyan Bhawan

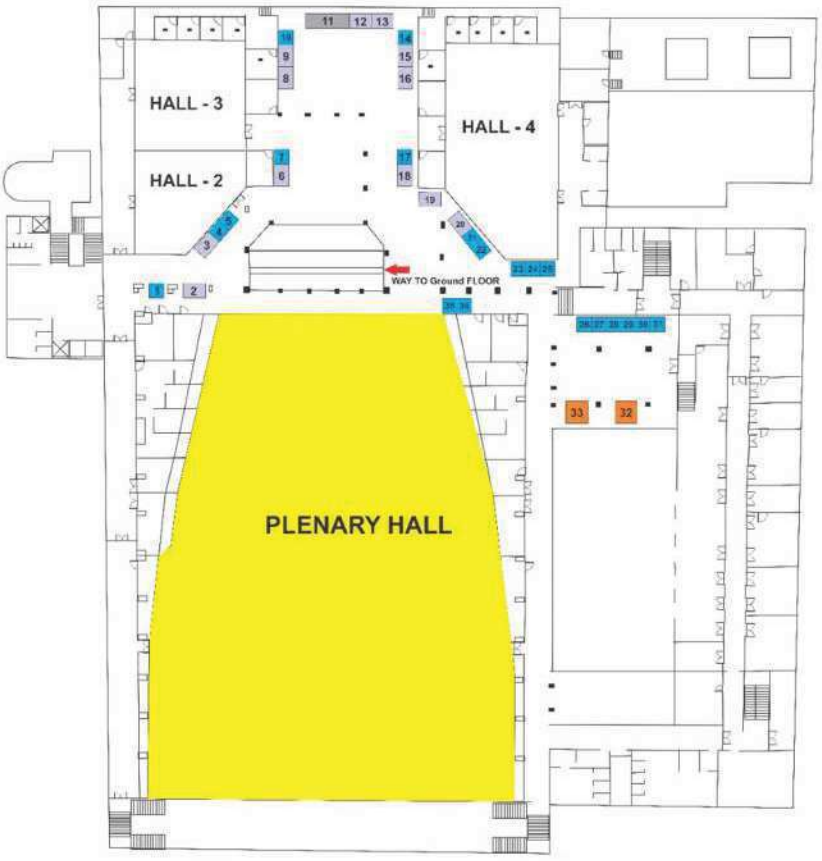
28th - 29th July 2025

Annexe Building



LEGENDS		
COLOR	SIZE	QTY
	2x2M	74Nos.
	Registration	
	Total Stalls	74Nos.

First Floor

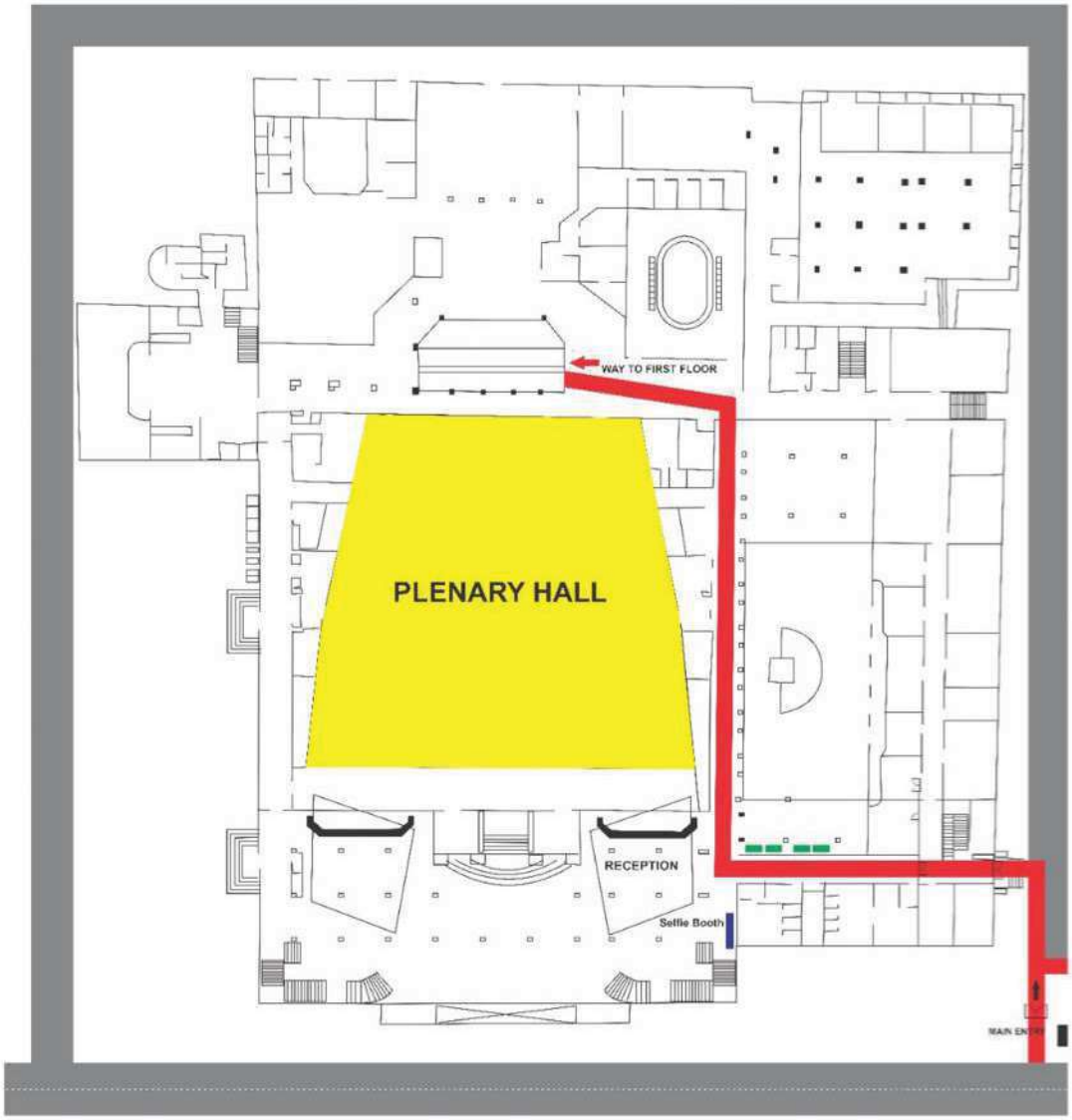


LEGENDS		
COLOR	SIZE	QTY
	6x2M 12sqm	1Nos.
	3x3M 9sqm	2Nos.
	3x2M 6sqm	12Nos.
	2x2M	20Nos.
	Total Stalls	35Nos.

Vigyan Bhawan

28th - 29th July 2025

Ground Floor



LEGENDS		
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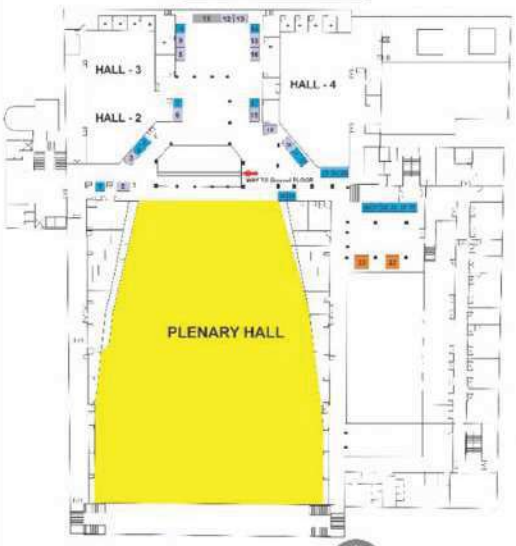
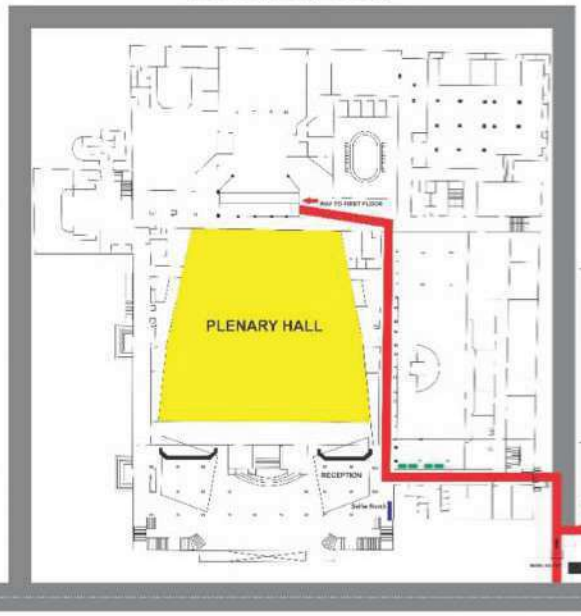
	Selfie Booth	

First Floor



Ground Floor



Annexe Building