FORUM ON ENERGY EFFICIENCY & DECARBONISATION 2026

Alliance for an Energy Efficient Economy™

FORUM ON ENERGY EFFICIENCY & DECARBONISATION (FEED) 2026

Energy Efficiency as the Engine of Viksit Bharat

OUTCOMES AND RECOMMENDATIONS

3-4 February 2026

New Delhi

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Session Co-curators

Ashoka University Centre for a People-centric Energy Transition, clasp, INDEE³, UN environment programme

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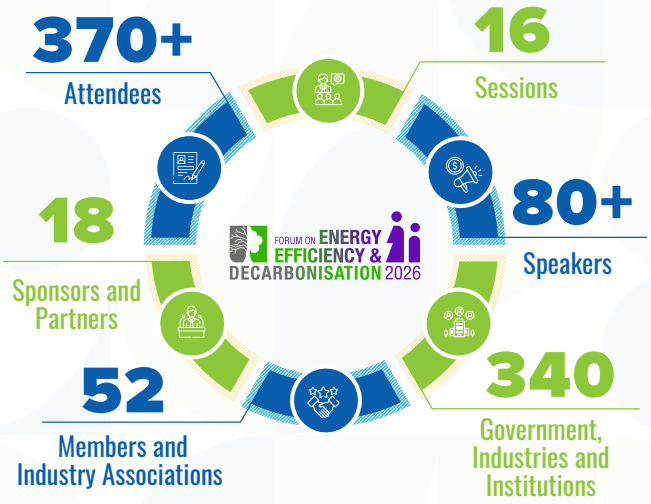
ABOUT THE EVENT

About the event

The Alliance for an Energy Efficient Economy (AEEE) organised the sixth edition of the Forum on Energy Efficiency and Decarbonisation (FEED) – a flagship platform driving dialogue and action on energy efficiency and climate resilience.



Building on FEED 2025, this edition, themed "Energy Efficiency as the Engine of Viksit Bharat," highlights India's transition from intention to implementation to impact. FEED 2026 explored how efficiency can power India's vision for competitiveness, resilience, and inclusive prosperity, aligning with the national goal of Viksit Bharat 2047 and the ambition to double energy efficiency improvement by 2030.

The two-day forum brought together policymakers, industry leaders, financiers, entrepreneurs and innovators to deliberate how systems, institutions, and accountability can scale efficiency across sectors.

The forum spanned 10 key thematic areas, convened 80+ distinguished speakers, and was attended by 370+ stakeholders across 400+ organisations.

Thematic Areas

- Implementing a systems approach to energy efficiency
- Adoption of innovative energy-efficient technologies
- Integration of energy efficiency and demand flexibility
- Driving sub-national initiatives for energy efficiency
- Advancing low-carbon building solutions
- Ensuring thermal comfort for all
- Sustainable cold chain for agriculture productivity
- Promoting energy efficiency as a service
- Facilitating financing for energy efficiency projects
- Monitoring and assessing progress and impact of energy efficiency efforts

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AGENDA

Day 1 - 3 February 2026

Time (hrs)	Session Title
09:00 - 10:00	**Registration and Networking**
10:00 - 10:45	**Inaugural Session** Satish Kumar, President and Executive Director, AEEE Sanjiv Bhatia, Vice-chair, Executive Council, AEEE and President, STENUM Asia Sustainable Development Society Special Address by Shri Krushna Chandra Panigrahy, Director General, Bureau of Energy Efficiency
10:45 - 11:45	**Plenary Session:** Positioning Energy Efficiency as a National Resource for Viksit Bharat
11:45 - 12:15	**Networking Break**
12:15 - 13:30	**Thematic Session:** Carbon Pathways: Market Instruments Powering India's Energy Efficiency Shift
13:30 - 14:15	**Networking Break**
14:15 - 15:15	**Thematic Session:** Empowering Sub-National Actors: Institutional Capacity, Financing, and Leadership for Energy Efficiency
15:15 - 16:15	**Thematic Session:** Accelerating Industrial Energy Efficiency in India to Drive Industrial Competitiveness
16:15 - 16:50	**Networking Break**
16:50 - 17:30	**Special Session:** Generation E: Powering a Culture of Efficiency
17:30 - 18:00	**Lightning Talks:** Efficiency Unfiltered: How We Built the Future of Conservation

DAY 2 - 4 February 2026

Time (hrs)	Session Title	
09:15 - 10:00	**Thematic Session:** Cooling as a Service: Rethinking How India Delivers Cooling	**Thematic Session:** Residential Charging as the Backbone of India's EV Revolution
10:00 - 11:00	**Networking Break**	
11:00 - 11:30	**Thematic Session:** Making Every Watt Work Across Enterprise-Scale Operations	**Thematic Session:** Navigating India's Refrigerant Transition: Policies, Technologies, and Industry Readiness
11:30 - 12:30	**Thematic Session:** Breaking the Energy Barrier: Advancing Public Sector Energy Efficiency Through Finance	**Thematic Session:** Harvesting Efficiency: Transforming India's Cold Chain through Sustainable Packhouses
12:30 - 13:30	**Networking Lunch**	
13:30 - 14:15	**Thematic Session:** Building Resilience Bottom-Up: Climate-Proofing India's Self-Built Affordable Homes	
14:15 - 15:15	**Thematic Session:** The Innovation Fast Track: Unlocking Climate-Tech Scale in the Built Environment	
16:15 - 16:30	**Networking Break**	
16:30 - 17:45	**Thematic Session:** Decoding the District: Scaling Data-Driven Urban Solutions, and **Grand Finale:** De-Code the District: GOBS Hackathon (Open Data Challenge)	
17:45 - 18:00	**Clossing Remarks**	

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SPEAKERS

Special Address

Shri Krushna Chandra Panigrahy
Director General,
Bureau of Energy Efficiency

Speakers

Abhishek Gupta
Head, Strategy, Energy Efficiency Services Limited

Abhishek Sharma
Director, Bureau of Energy Efficiency

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Scientist 'F' / Director, Ozone Cell, Ministry of Environment, Forest and Climate Change, Government of India

Akshay Shekhar
Co-Founder and CEO, Kazam

Alekhya Datta
Director, Electricity and Renewables, TERI

Amit Sahu
Head, Sales, CBS, NWE Region, Grundfos

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Senior Programme Lead, CEEW

Aneesh Kadyan
Senior Executive Director, Property Management Operations, CBRE South Asia Pvt Ltd

Angshuman Siddhanta
Sustainable Cold-chain Expert, UNEP

Anurag Bajpai
Director, GreenTree Global

Arijit Sengupta
Director, Bureau of Energy Efficiency

Arjun P Gupta
Founder and CEO, Smart Joules

Aseem Goyal

General Manager, Business Development, Tabreed India

Ashish Jindal

Senior Co-ordinator – India, SEforALL

Ashok B Lall

Founder, Ashok B Lall Architects

Aun Abdullah

Vice President, Lodha

Autif Sayyed

Project Lead – South Asia, Green and Resilient Buildings, IFC

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Head of Innovation, Cooling, Thermax Ltd

Bharghav Kapadia

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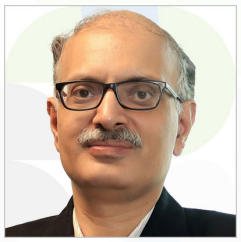
Brij Mohan

Senior Climate Change Officer, Asian Development Bank

Dharini Sridharan

Principal Research Associate, AEEE



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Senior Fellow, Ashoka Centre for a People-Centric Energy Transition

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Director, Marketing, Alliances and Partnerships, AEEE

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Executive Director, Energy Policy Institute at University of Chicago India

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Manjunath M D
Head, Life Cycle Solution, Carrier HVAC

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Co-Founder, Two Point O Capital

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Principal Research Associate, AEEE

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Managing Director, Energy Efficiency Movement Association

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Managing Director, GBCI India; Senior Vice President, Innovation and Research, US Green Building Council

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Secretary, Bureau of Energy Efficiency

Milind G Mohile
Vice President and Head, Strategy and Growth, Triveni Turbines

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Climate Journalist and Founder, News with Navya

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Director – India, CLASP

P Shyam Sundar
Director, Bureau of Energy Efficiency

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Prachi Shevgaonkar
Founder, Cool The Globe

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Senior Director, Research and Programmes, Alliance for an Energy Efficient Economy (AEEE)

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Senior Fellow, AEEE; Director, SDI

Prasun Pandey

Manager, CLASP

Priyank Garg

ex-Managing Partner, IAN Alpha fund

Rahul Walawalkar

Founder and President, Netzero Energy Transition Association

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Executive Director (Technical), Airport Authority of India

Richa Gautam

Director, CSR and Sustainability, Schneider Electric

Rohit Kumar

Secretary General, SAF Association and Carbon Markets Association of India

Ruchika Drall

Deputy Secretary, Ministry of Environment, Forest and Climate Change, Government of India

Sanjeev Arora

President, Motion Business, ABB India Ltd

Sanjiv Bhatia

Vice-chair, Executive Council, AEEE and President, STENUM Asia Sustainable Development Society

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Principal Research Associate, AEEE

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Country President – India, Grundfos Pumps India Pvt Ltd

Varsha Prasad Athalye
Executive Engineer, Environment and Climate Change, BMC

Vikram Gandotra
President, IEEMA

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OUTCOMES AND RECOMMENDATIONS

Suggested Strategic Interventions

India's pathway to Viksit Bharat requires positioning energy efficiency as a strategic national resource to manage the projected 2.1× growth in energy demand by 2047. This will require an annual ~4% improvement in energy intensity, twice the global average, through a shift from incremental interventions to systemic transformation.

Strategic Interventions suggested for advancing energy efficiency in India include:

Pillar I: Embedding System-Level Transformation and Institutional Capacity

Transitioning from Component-Level to System-Level Efficiency

India must shift from component-level gains to system-level efficiency, where the biggest value lies. A systems approach can reduce both OPEX and CAPEX by optimising demand, avoiding excess infrastructure, and improving performance. Embedding lifecycle design, digitalisation, and efficiency into planning and markets will position energy efficiency as core economic infrastructure, unlocking fiscal space, boosting productivity, and strengthening resilience.

Institutionalising State Agency Autonomy and Financial Independence

Strengthening sub-national implementation will be critical. State Designated Agencies (SDAs) must evolve into independent, financially empowered entities with dedicated energy efficiency mandates and resources. Redirecting non-compliance penalties to state-level funds can create sustained budget lines, incentivise enforcement, and improve accountability. This shift enables states to play a more proactive role in achieving national energy savings and industrial competitiveness targets.

Pillar II: Enabling Markets and Finance for Scaled Efficiency

Activating Carbon Markets and Climate Finance for Energy Efficiency

To unlock India's large untapped emissions-reduction potential, carbon markets should be used to develop and scale energy efficiency projects under offset mechanisms. This will require addressing key barriers, such as aggregating smaller projects; robust Measurement, Reporting, and Verification systems; and improved access to finance, so that dispersed efficiency gains can be converted into credible and bankable carbon assets. A programmatic approach can help deepen the pipeline of offset projects, expand credit supply, and channel private capital into cost-effective decarbonisation.

Making Public Sector Efficiency Finance-Ready

Public sector efficiency must transition to performance-linked financing models. Ring-fenced savings, escrow mechanisms, and standardised M&V frameworks can improve bankability and attract private participation. This will help reduce risk, enable scale, and position efficiency as an investable infrastructure asset.

Pillar III: Leveraging Digital Infrastructure and Outcome-Based Models for Industrial Decarbonisation

India must shift from intent-based, asset-led approaches to data-driven, performance-based decarbonisation. Digital infrastructure, such as benchmarking, mandatory disclosures, interoperable systems, and open standards, can enable continuous monitoring, accountability, and optimisation at scale. Coupled with this, moving from upfront CAPEX to performance-based service models such as Cooling-as-a-Service, enabled by robust M&V frameworks and digital platforms, can unlock investment and improve efficiency outcomes. Scaling demand aggregation, standardised contracts, and integrated procurement will be key to mainstreaming these models and delivering measurable efficiency and lifecycle cost gains.

Pillar IV: Enabling Technology and Policy Frameworks for Sustainable Cooling and Cold Chain Systems

Greening Cooling Systems

Meeting rising cooling demand requires a dual transition to high-efficiency technologies and low-GWP refrigerants. Scaling up the use of natural refrigerants, strengthening safety standards, and institutionalising lifecycle refrigerant management will be key to avoiding efficiency and emissions lock-in. Coordinated action across industry, skilling, manufacturing, and finance can position cooling as a high-impact climate lever.

Standardising Sustainable Cold Chains

Developing viable cold chains will require an integrated system design that follows the principles of 'lean-mean-green-seen' and combines efficient technologies, renewable energy, and digital monitoring. Policy support, capacity building, and performance tracking can enable scalable, climate-aligned cold-chain infrastructure, reducing losses while improving energy productivity.

Pillar V: Enabling Data-Driven, Performance-Led and Integrated Built Environment

Data-Driven and Performance-Based Urban Transformation

India must move from compliance-led approaches to integrated, data-driven urban systems. Leveraging shared data platforms, IoT-enabled monitoring, and AI-driven analytics can enable real-time optimisation, risk-informed decision-making, and stronger coordination across agencies. Embedding performance-based, KPI-driven certification frameworks will shift the focus from static compliance to continuous accountability, ensuring that buildings and urban systems deliver measurable efficiency, decarbonisation, and resilience outcomes at scale

Climate-Resilient Affordable Housing

Affordable housing must integrate climate resilience and thermal comfort through passive design strategies embedded in building codes. Scaling this requires workforce skilling, localised supply chains, and simplified implementation guidelines. This approach ensures long-term sustainability while maintaining cost efficiency at scale.

Mandating Residential Charging as Essential Urban Infrastructure

Electric mobility adoption depends on access to reliable charging infrastructure. Mandating residential charging as a standard provision across urban and rural developments will align housing and electricity systems. This ensures equitable EV adoption, especially in the 2-wheeler and 3-wheeler segments, while reducing logistics costs and improving workforce mobility.

Pillar VI: Building the Ecosystem for Innovation, Skills and Change

India must strengthen both the innovation pipeline and societal adoption to accelerate the energy transition. Establishing industry-backed validation platforms for climate technologies can enable real-world testing, reduce deployment risks, and improve solution reliability, while strengthening domestic supply chains and advancing technological self-reliance. At the same time, embedding sustainability within cultural narratives and youth engagement is critical to driving adoption. Positioning efficiency as aspirational, linked to skills, careers, and innovation, can shift mindsets from sacrifice to opportunity, building a future-ready workforce where efficiency becomes a default capability.

Conclusion

The outcomes from FEED 2026 underscore the need for and a shift towards a systemic, data-driven, and performance-oriented transformation. By aligning policy, finance, technology, and behaviour, energy efficiency can emerge as a foundational pillar of India's growth, delivering economic productivity, climate resilience, and improved quality of life at scale.

Announcements

Technologies for Net-Zero Airports: India's Blueprint for Sustainable Aviation Infrastructure

AEEE's report 'Technologies for Net-Zero Airports: India's Blueprint for Sustainable Aviation Infrastructure', presents a comprehensive technical guide to transforming India's rapidly growing aviation sector into a climate-resilient, low-carbon industry aligned with the national goal of net-zero emissions by 2070.

The report outlines a structured, phased roadmap focusing on three primary operational domains, Airside, Terminal-side, and Landside, to sequence the implementation of advanced technologies such as Sustainable Aviation Fuel (SAF), automated baggage handling, and radiant cooling. By analysing global and domestic case studies, the compendium demonstrates how strategic investments in energy efficiency can deliver simultaneous operational, financial, and environmental benefits.

Residential EV Charging in India: A Systems Perspective

The Study 'Residential EV Charging in India: A Systems Perspective', being implemented by AEEE in collaboration with Kazam, draws on the country's largest residential EV charging dataset, spanning over one lakh data points. The analysis underlines the centrality of home charging, which, consistent with global experience and emerging Indian adoption patterns, already meets 80–90 per cent of daily EV energy demand, at a two-to-four times cost advantage compared to public charging.

A valuable resource for stakeholders within India's green mobility sector and beyond, it identifies key regulatory and infrastructure bottlenecks affecting residential charging across diverse housing typologies, including informal settlements, rental housing, and group housing societies, and outlines targeted technology and policy interventions required to enable cost-efficient and scalable EV adoption.

Climate Innovation in India's Building Sector: A Status Report

The report 'Climate Innovation in India's Building Sector: A Status Report', developed by AEEE in collaboration with the Indian Institute of Human Settlements (IIHS). Drawing on market data, ecosystem analysis, and startup insights, the report highlights a growing supply of climate-smart building innovations, yet persistent weak adoption beyond early adopters. Framing the structural challenges that must be addressed to enable market-wide transformation in India's building sector, the report highlights key gaps including fragmented innovation support, slow certification pathways, pilots that do not scale, and weak demand signals.

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EVENT GALLERY

Scan to visit FEED website to know more

Scan to watch sessions of FEED 2026

FEED DAY 1

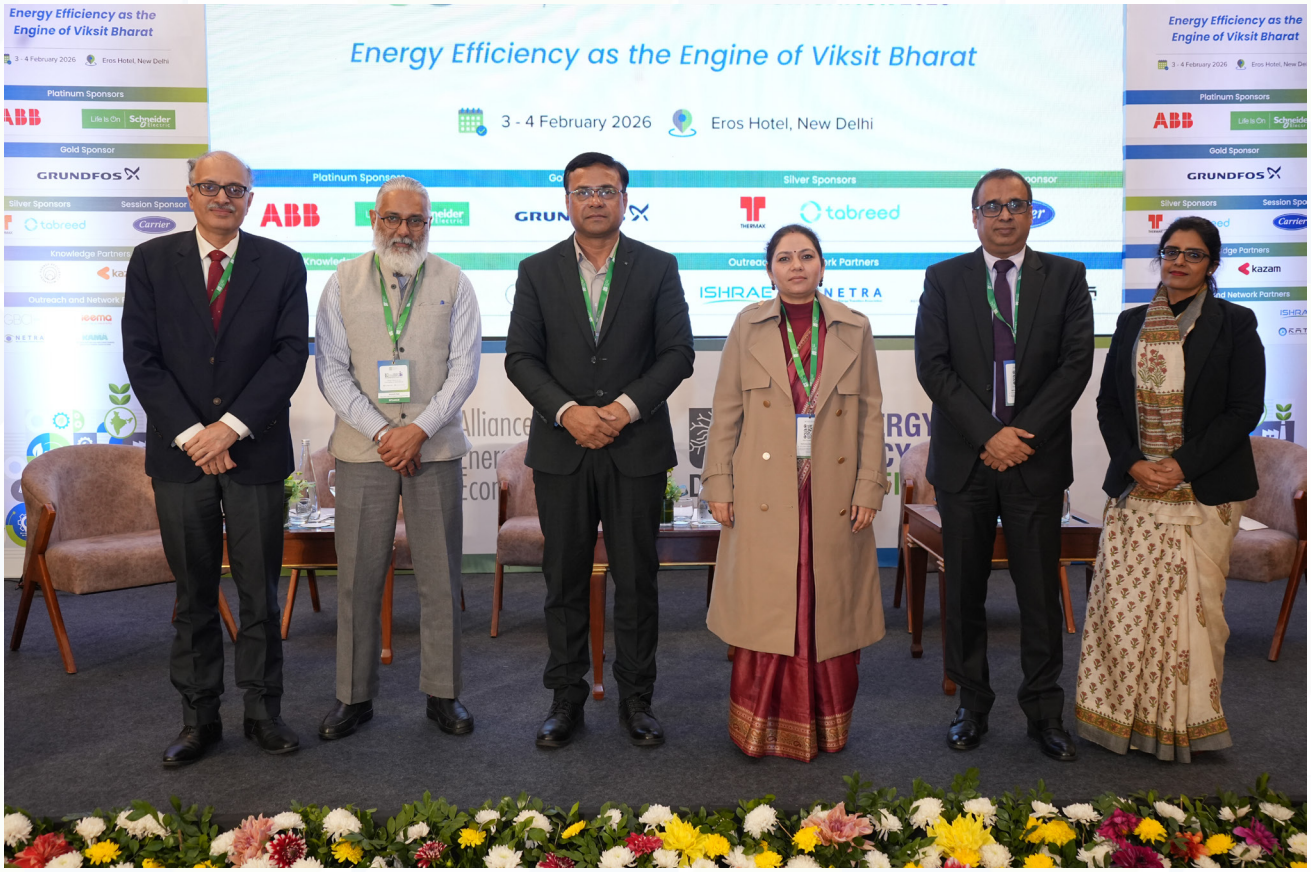
Inaugural Session by Sanjiv Bhatia, Vice-chair, Executive Council, AEEE and President, STENUM Asia Sustainable Development Society

Inaugural Session by Satish Kumar, President and Executive Director, AEEE

Special Address by Shri Krushna Chandra Panigrahy, Director General, Bureau of Energy Efficiency

With leadership from the Bureau of Energy Efficiency

Plenary Session: Positioning Energy Efficiency as a National Resource for Viksit Bharat



Thematic Session: Carbon Pathways: Market Instruments Powering India's Energy Efficiency Shift

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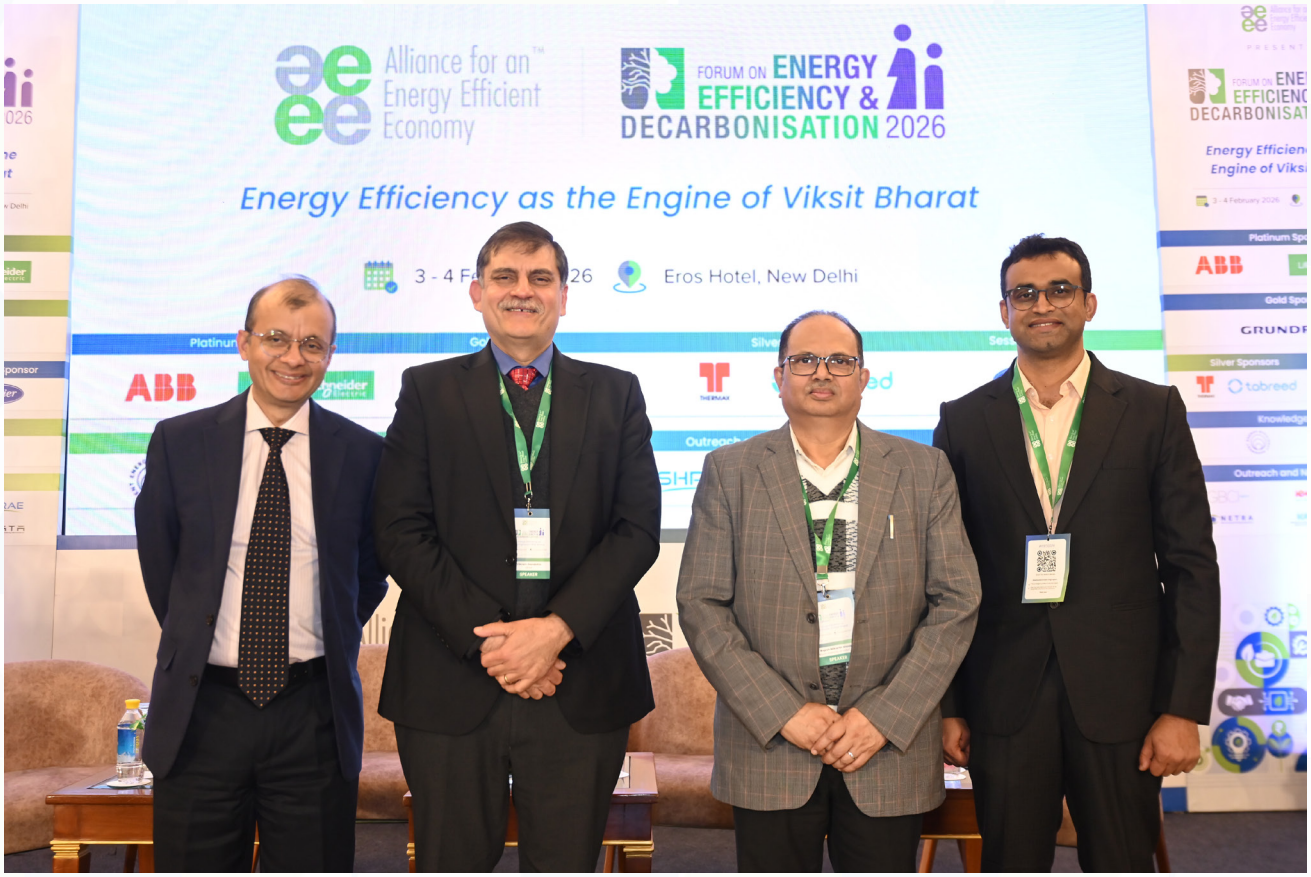

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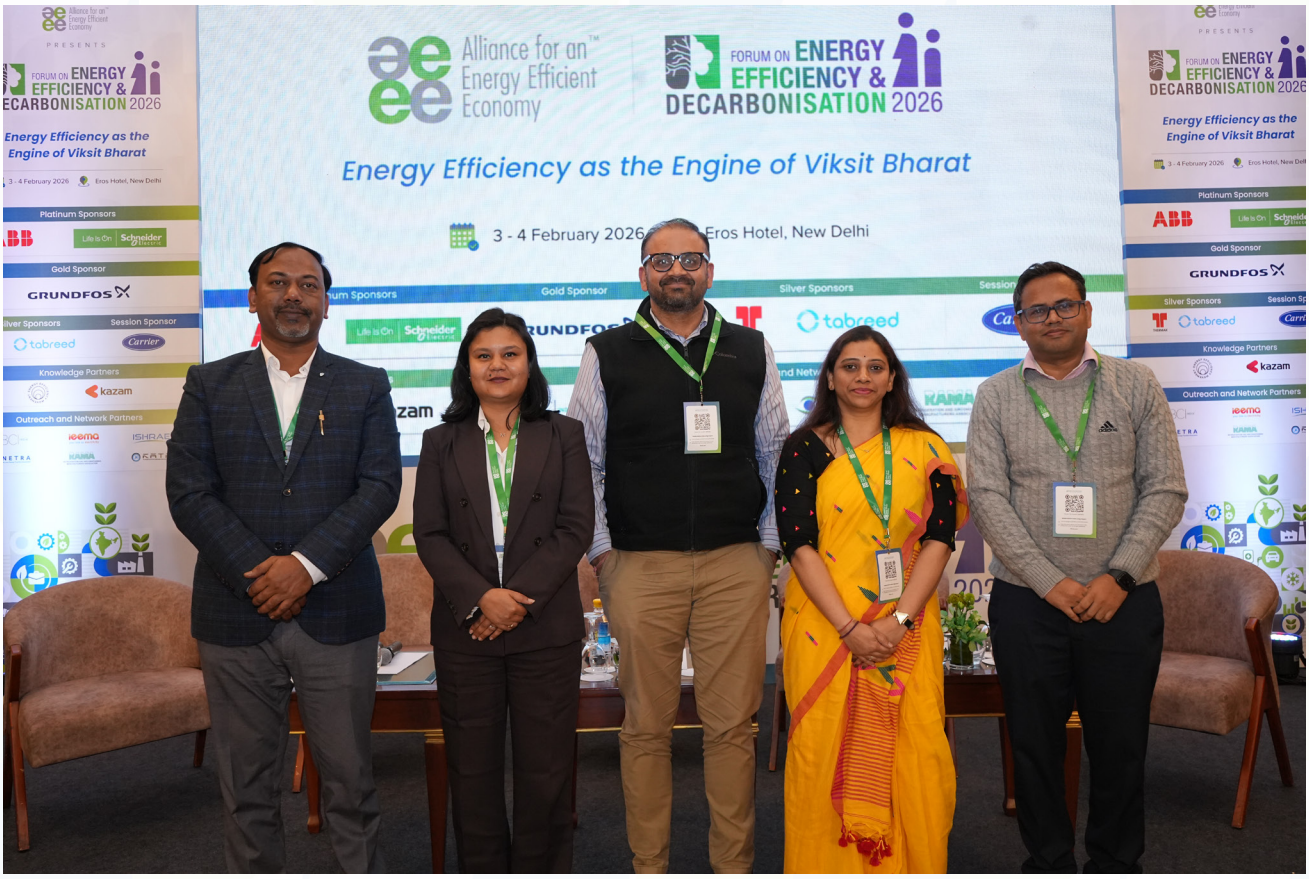

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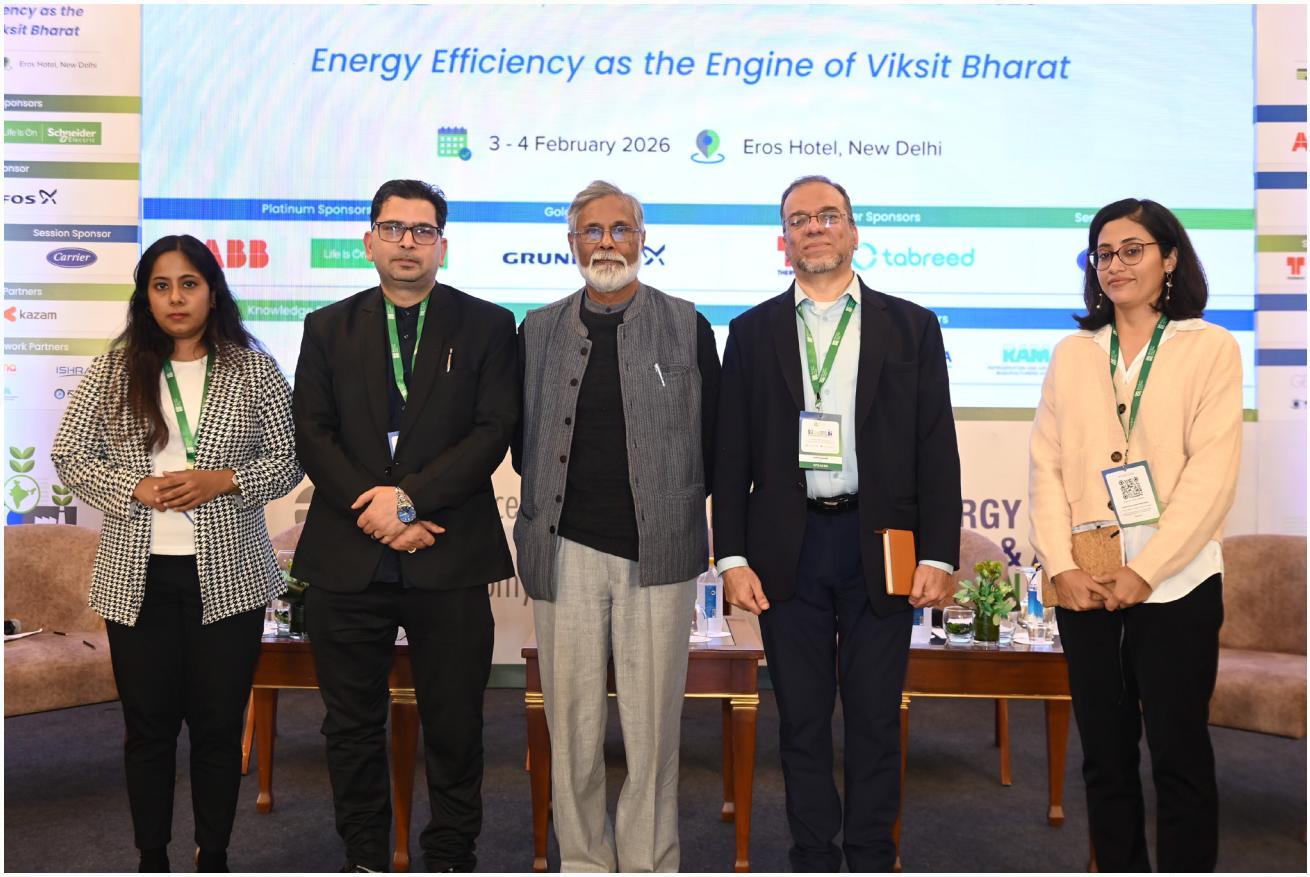

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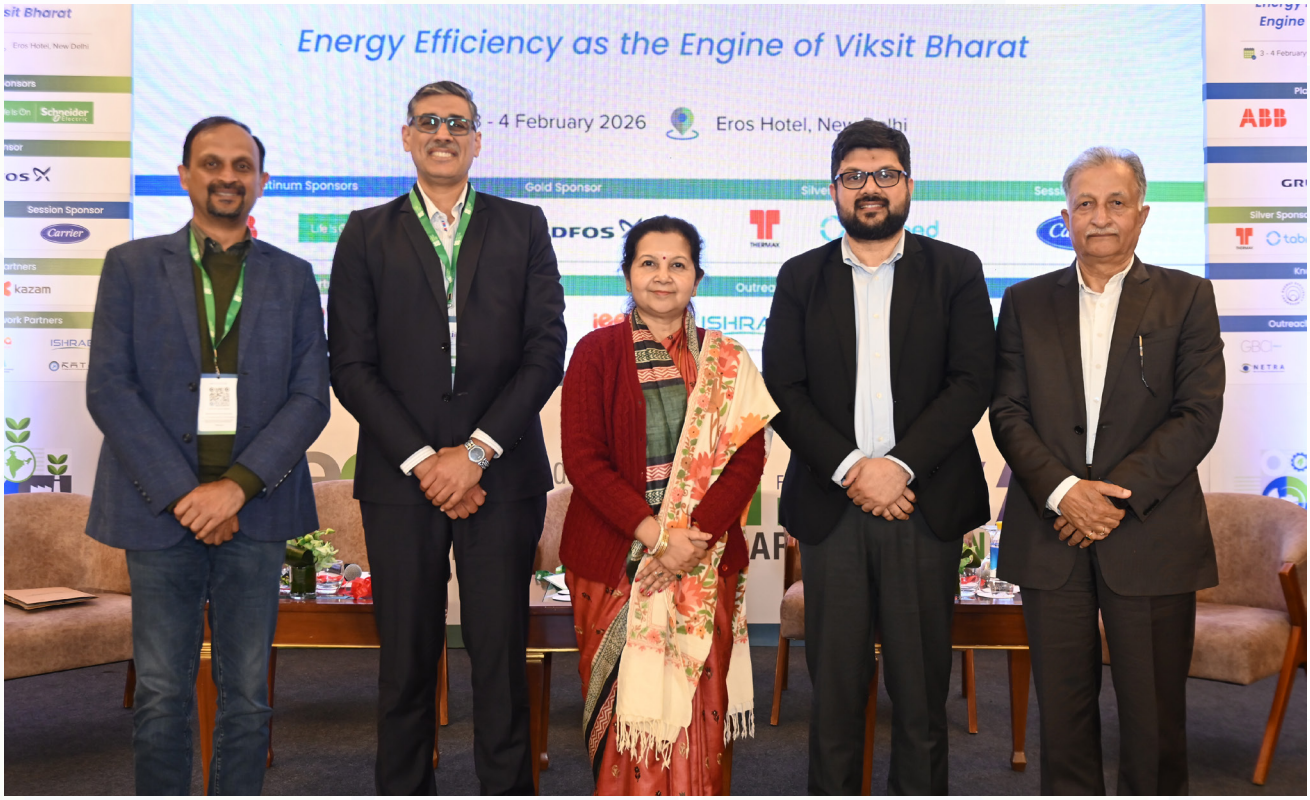

Thematic Session: The Innovation Fast Track: Unlocking Climate-Tech Scale in the Built Environment

Session: Decoding the District: Scaling Data-Driven Urban Solutions and Grand Finale: De-Code the District: GOBS Hackathon (Open Data Challenge)

Validectory Session

A vibrant exchange of ideas, solutions, and opportunities at FEED 2026

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