

## Driving Energy Efficiency, Smart Innovation, and Resilient Economies to Power India's Sustainable Future

## OUTCOMES AND RECOMMENDATIONS

 Eros Hotel, New Delhi



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**STEERING  
COMMITTEE**

## Steering Committee



**Arjun P Gupta**

Founder and CEO,  
Smart Joules



**Brian Dean**

Director, Energy Transition,  
Sustainable Energy for All  
(SEforALL)



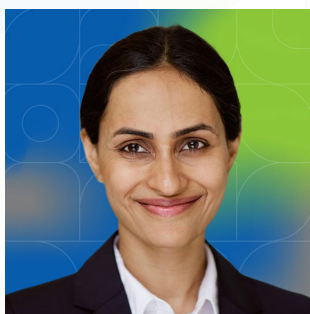
**Namrata Mukherjee**

Chief of Party,  
USAID SAREP



**Neha Kumar**

Head, South Asia  
Programme,  
Climate Bonds Initiative



**Radhika Khosla**

Associate Professor,  
Smith School of Enterprise  
and Environment,  
University of Oxford



**Sanjay Sharma**

Director,  
Marketing and Strategy,  
Carrier India



**Srestha Banerjee**

Director,  
India Just Transition Centre,  
iFOREST



**Vishal Garg**

University Chair Professor  
and Director, Indorama  
Ventures Center for Clean  
Energy, Plaksha University





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# AGENDA

## Day 1 - 30 January 2025

Time (hrs)	Session Title
09:00 - 09:45	Registration and Networking
09:50 - 10:10	Welcome Message by Venkat Garimella, Chairperson, Alliance for an Energy Efficient Economy
10:10 - 10:40	Special Address by Brian Motherway, Head of Energy Efficiency and Inclusive Transitions Office, International Energy Agency
10:40 - 11:00	Keynote Address by Sanjiv Aggarwal, Chief Executive Officer and Managing Director, National Investment and Infrastructure Fund
11:00 - 12:00	Fireside Chat   Up the Ante: Boosting Energy Efficiency for 2030 Goals
12:00 - 12:15	Networking Break
12:15 - 13:30	Session 1: Unlocking the Vault: Moving from Funding to Financing Energy Efficiency
13:30 - 14:30	Networking Lunch
14:30 - 15:30	Session 2: Local Roots, Global Reach: Why Domestic HVAC&R Manufacturing Matters Now
15:30 - 16:45	Session 3: It's Time to ESCO-late! Unlocking India's Hidden Decarbonisation Potential
16:45 - 17:15	Networking Break
17:15 - 18:00	Special Session: Energy Efficiency Matters: Conversations with Change-Makers

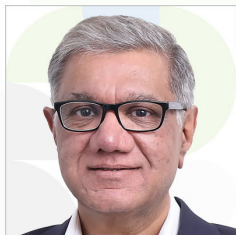
## DAY 2 - 31 January 2025

Time (hrs)	Session Title
09:30 - 10:30	Session 4: Credit Where It's Due: Leveraging Carbon Credits for Cold-chain      Session 5: Watt's in Store? Digital Solutions for Energy Productivity and Beyond
10:30 - 11:45	Session 6: India's Power Play: Demand Flexibility Aggregators Reshape the Grid      Session 7: A Cool Shift: How Policies, Tariffs, and Standards Can Scale District Cooling
11:45 - 12:15	Networking Break
12:15 - 13:15	Session 8: Old Buildings, New Tricks: Retrofitting for a Net-Zero Future
13:15 - 13:45	Expert Speak featuring Scott Tew, Vice President, Sustainability and Managing Director, Center for Energy Efficiency and Sustainability, Trane Technologies
13:45 - 14:45	Networking Lunch
14:45 - 16:00	Session 9: From Hustle to Muscle: Supercharging MSMEs for a Resilient Tomorrow
16:00 - 17:15	Session 10: Turning Up the Volume on Energy Efficiency
14:45 - 17:15	SDI Side Event: Building Blocks of Change: Guiding Start-ups Toward Impact (by invite only)
17:15 - 17:30	Valedictory and Closing Remarks
17:30 - 18:00	Networking Break and Closure



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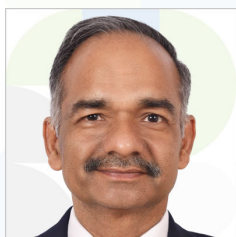
**SPEAKERS**

**Keynote Speaker****Sanjiv Aggarwal**

*Chief Executive Officer and  
Managing Director, National  
Investment and Infrastructure Fund*

**Special Address****Brian Motherway**

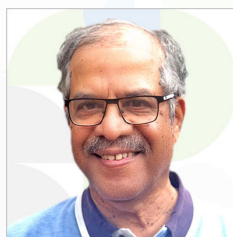
*Head of Energy Efficiency and  
Inclusive Transitions Office,  
International Energy Agency*

**Featured Speakers****Alok Kumar**

*Director, The Lantau  
Group (Former Secretary,  
Government of India)*

**Brian Dean**

*Director, Energy Transition,  
Sustainable Energy for All  
(SEforALL)*

**Padu S Padmanabhan**

*Author and International  
Expert, Energy and Water  
Productivity*

**Satish Kumar**

*President and Executive  
Director, Alliance for an  
Energy Efficient Economy*

**Saurabh Kumar**

*Vice President, India, Global  
Energy Alliance for People  
and Planet*

**Scott Tew**

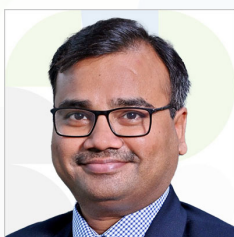
*Vice President, Sustainability  
and Managing Director, Center  
for Energy Efficiency and  
Sustainability, Trane Technologies*

**Venkat Garimella**

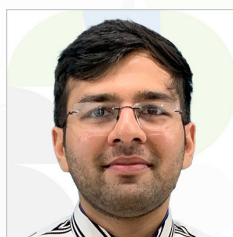
*Chairperson, Alliance for an Energy  
Efficient Economy (AEEE) and Vice  
President, Strategy and Alliances, CSR  
and EE, Schneider Electric India*

**Aarti Nain**

*Advisor for Urban Cooling  
and Heat Risk Mitigation,  
UNEP*

**Abhishek Gupta**

*Head-Strategy, Energy  
Efficiency Services Limited*

**Akash Agarwal**

*CEO, New Leaf Dynamic  
Technologies*

**Amitabh Sinha**

*Deputy Editor, The Indian  
Express*





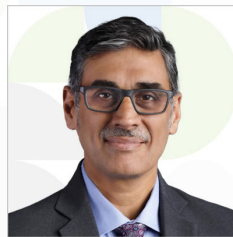
**Anar Bhatt**

*Program Manager, Food Loss  
& Waste, World Resources  
Institute (WRI) India*



**Aneesh Jain**

*Principal, AFRY*



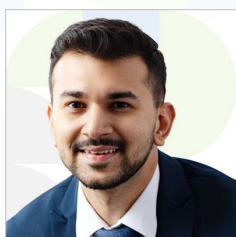
**Aneesh Kadyan**

*Senior Executive Director,  
Property Management  
Operations, Global  
Commercial Real Estate  
Services (CBRE India)*



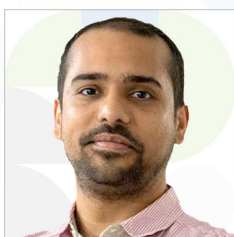
**Arijit Sengupta**

*Director, BEE*



**Arjun Gupta**

*Manager, Rocky Mountain  
Institute*



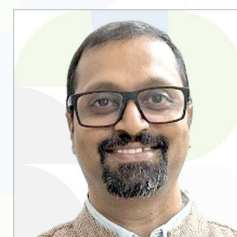
**Arjun P Gupta**

*Founder and CEO,  
Smart Joules*



**Arshi Chaddha**

*Co-Founder, Trillelectric*



**Ashish Rao Ghorpade**

*Senior Expert, Low Carbon  
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Efficient Economy (AEEE)*



**Atul Bali**

*Director, National Smart Grid  
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**Bhaskar Natarajan**

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**Chandrashekhar Iyer**

*Executive Director, Sixth  
Energy Technologies Pvt Ltd*



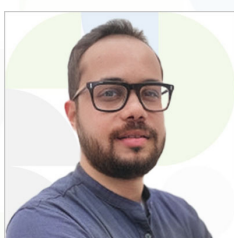
**Damini Chaudhari**

*Vice President, Strategy, M&A,  
Sales Excellence and CSR,  
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**Dushyant Ahuja**

*Country Manager, Tabreed  
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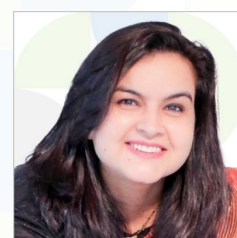
**Gerry George**

*Specialist, Cooling and  
Energy Efficiency, NRDC India*



**Harikumar Ramadas**

*Director, Energy Management  
Centre, Kerala*



**Indu Sharma**

*Vice President,  
Communications, Siemens*



**Khushboo Gupta**  
Principal Research Associate,  
AEEE



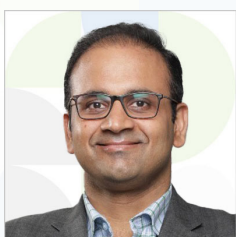
**Mahesh Patankar**  
Founder and Managing  
Director, MP Ensystems  
Advisory Private Limited



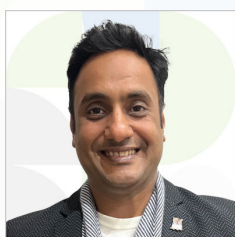
**Manisha Mukherjee**  
Executive Director,  
Sustainability and  
Development Sector Nangia  
Andersen LLP



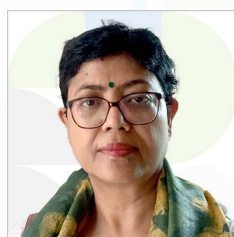
**Manjunath M D**  
Head, Life Cycle Solution  
and Service Modernisation,  
Carrier HVAC



**Manya Ranjan**  
Co-founder, Two Point O  
Capital



**Mayank Aggarwal**  
Trustee and Editor, The  
Reporters' Collective



**Moutushi Sengupta**  
Co-Founder, Oneworld Colab  
Pte. Ltd.



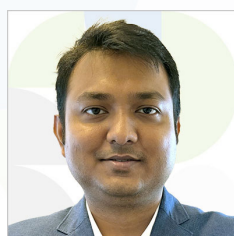
**Mukesh Dadhich**  
Head, Sustainability and  
Clean Technology, Business  
Development and NTI, BSES  
Yamuna Power Limited



**Neha Dhingra**  
Director, CLASP, India



**Nisha Menon**  
CEO, DESL



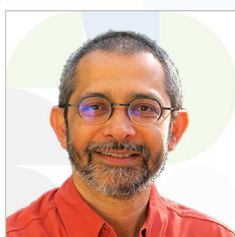
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Efficiency Programmes,  
Deutsche Gesellschaft  
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Zusammenarbeit (GIZ)



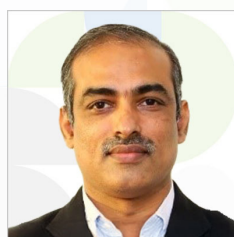
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Expert Consultant, Alliance for  
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**Pramod Kumar Singh**  
Senior Director, Research and  
Programmes, Alliance for an  
Energy Efficient Econom



**Prasad Vaidya**  
Director, Solar Decathlon India



**Prasanna Deshpande**  
Vice President, Business  
Development and Marketing,  
ABB India



**Ramanan C V**  
General Manager and  
Business Head, Energy  
Management Solutions,  
Thermax Limited





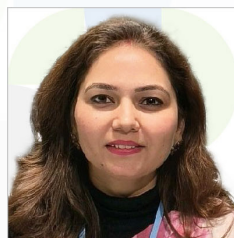
**Ravindra Dolare**

*President, Ecozen Solutions Pvt Ltd*



**R K Singh**

*Chief General Manager and Vertical Head, Green Climate Finance Vertical, SIDBI*



**Ruchika Drall**

*Deputy Secretary, Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India*



**Saibal Sen**

*Chairman and Managing Director, IMPREGSEAL/TEKNOSEAL Group of companies, And Chairman, IIF-Western Region*



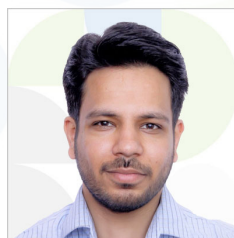
**Samrat Ray**

*Energy Sector Specialist at South Asia Energy Sector Office, Asian Development Bank (ADB)*



**Sanjiv Bhatia**

*President, STENUM Asia*



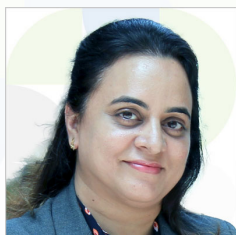
**Sarabjot Singh Saini**

*Mitigation Analyst, UNDP*



**Saumya Meattle**

*Director, Paharpur Business Centre*



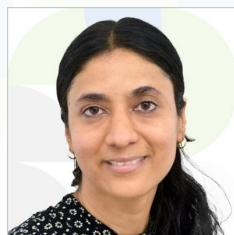
**Shabnam Bassi**

*Director, Sustainable Buildings, TERI*



**Shruti Deora**

*Partner, Intellectap*



**Shruti Narayan**

*Managing Director, Regions and Mayoral Engagement, and Regional Director, South and West Asia, C40 Cities*



**Snehalkumar Suryawanshi**

*Head of Cleantech, India, Alfa Laval India Pvt Ltd*



**Sumit Garg**

*General Manager, Centre for Railway Information Systems (CRIS)*



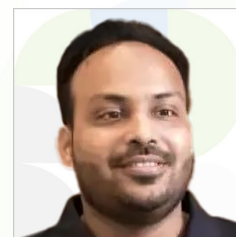
**Supriya Gulati**

*Lead, Communications, Alliance for an Energy Efficient Economy (AEEE)*



**Tarun Katiyar**

*CEO, Tata Power Trading Co Ltd*



**Umesh Bhutoria**

*CEO and Founder, Xempla*



**Venugopal Mothkooor**

*Senior Specialist/Director (Development Economics), Niti Aayog*

# 4

## **OUTCOMES AND RECOMMENDATIONS**

The Forum on Energy Efficiency and Decarbonisation (FEED) 2025 brought together key stakeholders from the industry, government, and communities to explore how data-driven innovation can enhance energy management, boost business competitiveness, and drive decarbonisation across sectors. The event spotlighted the importance of unlocking finance, advancing technology, creating green jobs, and leveraging data to advance energy efficiency progress and address critical energy and climate challenges.



## Suggested Strategic Interventions

### Position Energy Efficiency as a National Resource

Recognise energy efficiency as a core national strategic resource at par with other energy supply resources, establish sector-specific targets till 2030 to achieve the G20 commitment of doubling the rate of energy efficiency improvements by 2030, and strengthen national institutions and delivery vectors in states.

### Strengthen Sub-National Implementation

State-Designated Agencies (SDAs) are central to India's energy efficiency ambitions. However, their potential remains underutilised due to structural, financial, and operational challenges. Addressing these gaps is essential for SDAs to evolve into impactful entities capable of balancing regulatory and implementation responsibilities and aligning State Energy Efficiency Action Plans (SEEPs) with national goals.

### Enhance Financial Mechanisms for Energy Efficiency

The sector requires upwards of INR 1 lakh crore (USD 12 billion) in annual investment, which cannot be supported through public funding alone. To mobilise the substantial capital required, it is necessary to leverage private sector investments, international partnerships, and diverse financial instruments. While capital is available, it requires a structured vehicle and aggregated bankable projects for the investments to flow in.

### Promote Indigenous Cooling Solutions Via a Unified Supply Chain Platform

There needs to be a common platform to integrate global brands, domestic manufacturers, and supporting Original Equipment Manufacturers (OEMs) to address the current fragmentation in the supply chain, enhance collaboration, and streamline the domestic development and adoption of next-generation energy-efficient cooling solutions.

### Formalise the Energy Service Company (ESCO) Model for Scalable Impact

Scaling up the ESCO market requires integrating energy savings with other resource savings and adopting longer-term contracts. It also calls for facilitators to connect customers with ESCOs and third-party digitalised measurement and verification (M&V) services for faster, dispute-free performance measurement.

### Adopt Strategic Communication for Market Adoption and Behavioural Change

Develop a strategic, large-scale, people-centric communications campaign that positions energy efficiency as a pathway to economic growth and climate resilience and strengthens the public and policymakers' commitment.



## Announcements

### National Grid Flexibility Platform

Energy Efficiency Services Limited (EESL) announced its plan to develop a National Grid Flexibility Platform to create a market for demand-side flexibility, aiming to enhance grid stability and support the integration of renewable energy.

### Automated Demand Response Report Launch

AEEE launched the report 'Automated Demand Response Pilot in Delhi – Insights and Transferable Learning to Scale Up Programme Designs.' The report provides an overview of the current state of demand response in India and evaluates the impact of an Automated Demand Response (ADR) pilot implemented within BSES Yamuna Power Limited. It offers a detailed analysis of demand reduction potential through ADR, assessing costs and benefits associated with the programme and exploring potential business models to facilitate widespread adoption of demand response.

### Study on Data Centres

AEEE announced a joint study on enhancing resource efficiency in data centres. The study will focus on key aspects such as the effective utilisation of water and energy, waste energy recovery, renewable energy integration and refrigerant transition in India's rapidly expanding data centre market and offer recommendations for optimising sustainability.



Scan to know more



Scan to watch sessions



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**EVENT GALLERY**



## FEED DAY 1



*Welcome Message by Venkat Garimella, Chairperson, Alliance for an Energy Efficient Economy*



*Special Address by Brian Motherway, Head of Energy Efficiency and Inclusive Transitions Office, International Energy Agency*





*Keynote Address by Sanjiv Aggarwal, Chief Executive Officer and Managing Director, National Investment and Infrastructure Fund*



*Fireside Chat | Up the Ante: Boosting Energy Efficiency for 2030 Goals*





Session 1: Unlocking the Vault: Moving from Funding to Financing Energy Efficiency



Session 2: Local Roots, Global Reach: Why Domestic HVAC&R Manufacturing Matters Now





*Session 3: It's Time to ESCO-late! Unlocking India's Hidden Decarbonisation Potential*



*Special Session: Energy Efficiency Matters: Conversations with Changemakers*



## FEED DAY 2



Session 4: Credit Where It's Due: Leveraging Carbon Credits for Cold-chain



Session 5: Watt's in Store? Digital Solutions for Energy Productivity and Beyond





*Session 6: India's Power Play: Demand Flexibility Aggregators Reshape the Grid*



*Session 7: A Cool Shift: How Policies, Tariffs, and Standards Can Scale District Cooling*





Session 8: Old Buildings, New Tricks: Retrofitting for a Net-Zero Future



Expert Speak featuring Scott Tew, Vice President, Sustainability and Managing Director, Center for Energy Efficiency and Sustainability, Trane Technologies





Session 9: From Hustle to Muscle: Supercharging MSMEs for a Resilient Tomorrow



Session 10: Turning Up the Volume on Energy Efficiency





*SDI Side Event: Building Blocks of Change: Guiding Start-ups Toward Impact*



*Valedictory and Closing Remarks*



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