

EEAP NEWSLETTER

NOV 2025 | ISSUE 10

HTTPS://ENERGY-EVALUATION.ORG/



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ABOUT ENERGY EVALUATION ASIA PACIFIC (EEAP)

Energy Evaluation Asia Pacific (EEAP) is a diverse community committed towards mainstreaming energy evaluation by building capacities and sharing relevant experiences across the region to deliver more effective energy policies and programs.



EEAP Launched New Podcast Series: Energy Evaluation Conversations in Asia Pacific

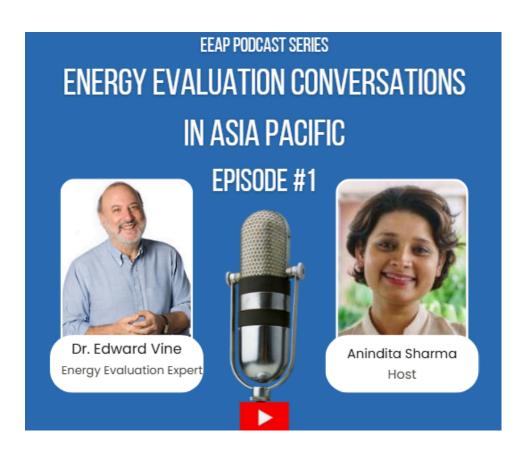
EEAP has launched its new podcast series, Energy Evaluation Conversations, exploring insights, experiences, and innovations shaping the field of energy evaluation in the Asia Pacific Region.

In the first episode, podcast host and EEAP's Steering Committee member, Anindita Sharma spoke with Dr. Edward Vine, one of the world's most respected voices in energy evaluation. Dr. Vine's distinguished career spans continents and decades from evaluating lighting programs in South Africa and Peru, to shaping climate strategies in California, to contributing to the Nobel Peace Prize-winning IPCC team.

Key Takeaways from Episode 1:

- 1. Why evaluation is vital for understanding the real impact of billion-dollar energy programs.
- 2. Lessons from Ed's global journey: what worked, what didn't, and what still needs to change.
- 3. The power of building communities of practice in Asia, Europe, and beyond to advance energy evaluation.

half Listen to Episode 1 on our YouTube channel: Insights from Dr. Edward Vine





EEAP Webinars Recap: Key Highlights and Takeaways

From May to October 2025, EEAP hosted four engaging and insightful webinars exploring key themes at the intersection of energy and evaluation. These sessions covered a diverse range of topics, including evaluations of energy programs and policies across the Asia-Pacific region, the influence of technologies and behaviors, the role of evidence in shaping effective energy policy, the industrial energy transition, and the non-energy benefits of energy efficiency programs.

The webinars offered practical insights into strengthening energy policy and practice across the region. Through real-world case studies and interactive discussions, participants explored emerging trends, best practices, and tools to enhance program design and impact, fostering innovation, learning, and evidence-based decision-making in the energy sector.

Key highlights and takeaways from the webinars are given below:

1. Webinar on Evaluating Energy Efficiency in Asia Pacific: Technologies, Behaviors, and the Role of Evidence, May 28, 2025

On May 28, 2025, EEAP hosted its 18th webinar, focusing on the evaluation of energy efficiency in the Asia Pacific region, with a particular emphasis on technologies, behaviors, and the role of evidence in shaping effective energy policy.

The session featured two distinguished speakers: Alexander Ablaza, CEO of Climargy and Chair of Philippine Energy Efficiency Alliance, and Sanjana Gorti, Director of Air and Water Labs at J-PAL South Asia

Alexander Ablaza presented on the growth and transformation of the ESCO market in the Philippines. He emphasized the need to treat energy efficiency as a primary energy resource and outlined the investment, policy, and institutional frameworks required to scale up implementation.

Sanjana Gorti shared evidence from randomized controlled trials conducted by J-PAL South Asia, demonstrating how behavioral interventions, smart metering, and real-time pricing can influence energy consumption. She emphasized the importance of rigorous evaluation in understanding both the intended and unintended impacts of energy efficiency programs and called for greater collaboration between researchers, governments, and civil society.

The summary notes and recording of the webinar can be accessed at this <u>link.</u>

Key Takeaways from the Session are:

• Energy efficiency should be treated as a primary energy resource, requiring largescale investment and policy support to drive economic growth, reduce emissions, and enhance energy security in the Philippines.



- Measurement, verification, and evaluation play a critical role in ensuring accountability, verifying energy savings, and building investor confidence, making them essential components of effective energy efficiency implementation.
- Behavioral interventions, such as social comparisons and dynamic pricing, can effectively reduce energy use.
- Smart metering improves both energy efficiency and payment compliance, especially in low-income settings.



2. Webinar on Evaluating Energy Efficiency and Demand Response Programs, July 9, 2025

EEAP's 19th webinar organized on July 9, 2025, focused on 'Insights on Evaluating Energy Efficiency and Demand Response Programs'. The webinar featured Lorenzo Daieff, Senior Consultant at Dunsky Energy + Climate Advisors and, Teevrat Garg, Associate Professor of Economics at the School of Global Policy and Strategy at the University of California, San Diego.

Lorenzo Daieff presented findings from a North American study on evolving evaluation practices. He highlighted the need to shift from traditional audit-focused models to more flexible, learning-oriented approaches that support decarbonization, equity, and innovation in energy program design.

Teevrat Garg shared results from three experiments conducted in Vietnam, India, and California, demonstrating how behavioral nudges, smart technologies, and automated systems can enhance demand response. He emphasized the value of cost-effective, scalable solutions tailored to emerging economies.

The webinar offered a compelling look at evolving practices in energy program evaluation and demand response, highlighting innovative strategies and real-world applications.

The summary notes and recording of the webinar can be accessed at this link.





Key Takeaways from the Session are:

- Traditional evaluation models may hinder rapid energy transition efforts; a shift toward learning-oriented, flexible evaluation is needed.
- Incorporating broader metrics like GHG savings and equity can make evaluations more relevant and impactful in today's policy landscape.
- Behavioral and automated interventions can significantly enhance the costeffectiveness and scalability of demand response programs.
- Middle-income households are the most responsive to DR interventions, and defaultbased automation can overcome behavioral inertia.

3. Webinar on Measuring What Matters: Non-Energy Benefits of Weatherization and Efficiency Programs, Aug 5, 2025

On August 5, 2025, EEAP organized its 20th webinar on 'Measuring the Non-Energy Benefits of Weatherization and Efficiency Programs'.

The session featured two speakers from Three3, Inc. Bruce Tonn, Co-founder and President and Michaela Marincic, Senior Research & Data Analyst

Dr. Bruce Tonn presented findings from multiple US-based studies on the non-energy impacts of low-income weatherization programs. He demonstrated how physical improvements to homes lead to measurable gains in health, household finances, and life satisfaction, and advocated for integrating weatherization with public health and climate resilience strategies.

Michaela Marincic followed with a detailed explanation of how to monetize these non-energy impacts(NEIs), showing how assigning dollar values to health and well-being outcomes strengthens the case for investment in energy efficiency. They illustrated innovative modeling approaches and emphasized the importance of cross-sector collaboration in advancing evaluation practices.

The webinar offered a compelling exploration of how weatherization and energy efficiency programs can deliver wide-ranging societal benefits.

The summary notes and recording of the webinar can be accessed at this link.



Key Takeaways from the Session are:

- Weatherization programs produce significant health, financial, and quality-of-life improvements, especially for low-income households, by addressing physical deficiencies in the home.
- Cross-sector collaboration, particularly with public health and climate resilience initiatives, can amplify the benefits of weatherization and make programs more impactful.
- Monetizing NEIs enables more accurate and compelling cost-benefit analyses, which can justify greater investment in energy efficiency and weatherization programs.
- Innovative modeling and cross-sector expertise, such as epidemiological tools and healthcare data, are essential for advancing NEI evaluation and informing policy decisions.



4. Webinar on Industrial Energy Transitions in South Asia: Policies, Impacts, and Future Pathways, Sep 12, 2025

EEAP's 21st webinar focused on 'Industrial Energy Transitions in South Asia: Policies, Impacts, and Future Pathways'. The speakers for this session included Shyamasree Dasgupta, from Indian Institute of Technology Mandi Himachal Pradesh, India, and Firuz Ahamed Nahid, Post Doctoral Researcher at SMARTS, Asian Institute of Technology, Thailand.

Dr. Shyamasree Dasgupta examined India's industrial energy policies, focusing on the Perform, Achieve, and Trade (PAT) scheme. She discussed its positive impact on energy efficiency and at the same time the challenges related to target setting, monitoring and transparency, calling for stronger evaluation systems.

Dr. Firuz Ahamed Nahid presented Bangladesh's industrial energy landscape, showcasing efficiency opportunities and modeling results from SMARTS. He demonstrated how integrating demand-side solutions can reduce costs, emissions, and land use while boosting jobs.



The webinar offered a timely and insightful exploration of industrial energy efficiency in South Asia, with a focus on India and Bangladesh. It brought together perspectives on policy evolution, evaluation frameworks, and modeling approaches to highlight how industrial sectors can contribute meaningfully to energy transition goals. The summary notes and recording of the webinar can be accessed at this <u>link.</u>



Key Takeaways from the Session are:

- India's PAT scheme is a pioneering effort in industrial energy efficiency but requires stronger evaluation and transparency mechanisms.
- Energy efficiency gains are influenced by both policy and market forces and must be contextualized within broader economic activity.
- Energy efficiency in Bangladesh's industrial sector can reduce costs, emissions, and land use while boosting employment.
- Strategic implementation of efficiency measures requires coordinated policy, skilled workforce, and private sector engagement.





Member Spotlight - Archana Walia from India

With over 30 years of experience in the development sector, Archana brings a wealth of leadership and strategic insight to the EEAP Steering Committee. Her career spans critical areas including climate change, clean energy and efficiency, air pollution, and urban and water management, giving her a uniquely integrated vision for sustainable development.

Currently serving as India Director at Clean Air Asia, Archana leads country strategies that prioritize impactful project implementation. She plays a pivotal role in representing the organization, securing funding, and fostering regional collaboration across South and Southeast Asia to advance air quality management.

Her previous roles include a 9-year tenure as India Director at CLASP, where she spearheaded energy efficiency programs and India's engagement in global clean energy initiatives. She also held key positions at USAID, negotiating Indo-US bilateral agreements worth \$50 million, and at UK's DFID, where she contributed to major power sector reforms.

Though she doesn't carry the title of "energy evaluator," Archana's work has always been steeped in evaluation. For her, evaluation isn't a separate function; it's the thread that runs through every stage of a program. From identifying needs and designing strategies to assessing impact and justifying resources, she sees evaluation as central to effective implementation.

"Evaluation has always been at the heart of what I do," Archana shares. "It's not just about measuring outcomes; it's about understanding what works, why it works, and how we can do better. It's the bridge between vision and reality."

Her connection to EEAP began in 2016, at the Energy Evaluation Conference in Europe, where the idea of an Asian energy evaluation network was first discussed. Witnessing how evaluation was recognized as a full-fledged profession in Europe was a turning point. With India on the brink of large-scale clean energy implementation, Archana saw the urgent need to build evaluation expertise in the region.

Since then, she has been a core part of EEAP's journey, serving as an ambassador, advisor, and steering committee member. Her passion for evidence-based decision-making and her belief in the power of evaluation continue to shape EEAP's mission and growth.

Beyond her professional life, Archana finds joy in the simple and creative pleasures of life. She enjoys reading, cooking, and listening to soft music, and often spends her quiet moments knitting and sketching, activities that reflect her thoughtful and artistic spirit.



Energy and Evaluation News and Updates

1. New Online Course from GEI

The Global Evaluation Initiative (GEI) is offering a <u>new online course</u> on the essentials of building effective national monitoring and evaluation (M&E) systems. The course is especially designed for government decision-makers, M&E practitioners, and academic researchers who want to strengthen their understanding of national M&E systems and how they support evidence-based decision-making. The course is free, self-paced, interactive, and available in English, Arabic, French, Portuguese, Russian, and Spanish.

"Building Blocks of Effective National Monitoring and Evaluation Systems" is available on the World Bank Group Open Learning Campus. Click <u>here</u> to take the course.

2. New report by International Energy Agency (IEA): "Blueprint for Action on Just and Inclusive Energy Transitions"

The IEA has launched its Blueprint for Action on Just and Inclusive Energy Transitions, a major new guide helping governments translate the G20's voluntary Principles for Just and Inclusive Energy Transitions into real-world policy and practice. The Blueprint draws on more than 60 case studies to show how countries can embed fairness, equity, decent jobs and community participation into their clean energy transitions — not only reducing emissions but also delivering inclusive growth and social benefits. Published in June 2025, the report emphasises that when transitions are designed and implemented with people front-and-centre, the results are more effective and farreaching. Click here to access the report.

3. Indicators Handbook for Just and Inclusive Energy Transitions by International Energy Agency (IEA)

IEA has released its Indicators Handbook for Just and Inclusive Energy Transitions, providing a practical reference for countries to develop tailored metrics that track fairness, affordability and social inclusion in clean energy transitions. The handbook draws on 35 case studies and offers a menu of indicators aligned with the G20 Principles for Just and Inclusive Transitions, enabling governments and stakeholders to monitor progress in a way that reflects local conditions and social equity. Click **here** to access the handbook.



Energy and Evaluation News and Updates

4. Energy Transition Trends in Asia-Pacific: Orrick's APAC Energy Pulse (October 2025)

Orrick's latest APAC Energy Pulse - October 2025 provides valuable insights into the region's accelerating energy transition. The report highlights evolving regulatory frameworks, new investment models, and growing momentum toward renewable infrastructure across Asia-Pacific. It also emphasizes emerging opportunities in energy storage, corporate power purchase agreements (PPAs), and the need for just and inclusive transition mechanisms, particularly in Southeast Asia and Australia. Click <u>here</u> to explore more.

5. Asia-Pacific on Track for Universal Electricity Access by 2030 - UNESCAP

A recent UNESCAP report confirms that the Asia-Pacific region has achieved an average electrification rate of approximately 97.3%, putting it on course to deliver universal electricity access by 2030. While this represents a major milestone, the report warns that key gaps persist—particularly in clean-cooking access, where nearly one billion people still rely on polluting fuels, and in the share of modern renewables, which remains low despite growth.. Click **here** to access the report.

6. 5th Asia Pacific Evaluation Association (APEA) Conference

The 5th APEA Conference and EvalVisionAsia 2025 is scheduled to be held in Tokyo, Japan, from November 11-14, 2025. The conference theme is "Institutionalization of Evaluation and Strengthening Capacity Building in Asia-Pacific," and it will feature insights from over 50 country case studies to help establish robust national M&E systems. Click here to learn more.



EEAP's Energy Evaluation Resources

EEAP offers a valuable array of energy evaluation resources to support the growth of expertise in the Asia-Pacific region.

Directory of Energy Evaluation Course: EEAP has developed a comprehensive directory of energy evaluation courses offered by colleges and universities, which can be accessed through our <u>website</u>. This directory is designed to assist students and prospective learners who aspire to specialize in the evaluation of energy policies and programs, providing them with a valuable tool for academic and career development.

LinkedIn Engagement: EEAP actively engages with its community through our LinkedIn page, where we share insightful resources and foster discussions on pertinent energy evaluation topics. It's your platform to network and stay informed. Join our Linkedin community here: <u>EEAP LinkedIn</u>

Youtube Channel: Energy Evaluation's <u>Youtube</u> channel houses a collection of recorded webinars and conferences, offering a wealth of knowledge and insights from previous events from both Asia Pacific and European chapter. You can subscribe to get notification on latest additions.

X Updates: EEAP is active on twitter and shares updates, industry news, and engages in meaningful conversations about energy evaluation. Follow us @EnergyEval to stay in the loop!



Upcoming EEAP Events

EEAP WEBINARS IN 2026

EEAP will be continuing its webinars in 2026! EEAP would like to hear from evaluators of energy programs and policies - both energy efficiency and renewable energy. See the list of topics and, if you are interested in presenting on one or more of these topics, please contact Ed Vine, EEAP Steering Committee Member, at elvine@lbl.gov.

Contact Us!

If you have any questions or suggestions, please reach out to us at asiapacific@energy-evaluation.org









