

AUGUST 2024 | ISSUE 7

[HTTPS://ENERGY-EVALUATION.ORG/](https://energy-evaluation.org/)



In this Newsletter:

- Measuring the Social Impact of Clean Energy Policies - Insights from Nina Campbell on page 2
- EEAP hosted 4 engaging webinars last quarter- Discover the key highlights and takeaways from pages 5 to 8
- Empowering the Future! EEAP's workshop on Energy Evaluation 101 for Young and Emerging Evaluators - Details on Page 9
- Discover EEAP's Valuable Energy Evaluation Resources – Page 10
- Spotlight on Steering Committee Member: Nina Campbell from New Zealand – Discover her story on page 11
- Exciting Events in Energy and Evaluation Across the Asia-Pacific Region - Page 12
- Discover EEAP's upcoming activities on page 13.

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.



Measuring the Social Impact of Clean Energy Policies: A new program of work at the International Energy Agency

Nina Campbell, Member Steering Committee EEAP

The International Energy Agency (IEA), probably the single most authoritative voice on energy markets and policies globally, was established following the great oil price shocks of the 1970s. In recent years, the IEA has notably sharpened its focus on the broader social impacts of energy.

As far back as 2014, the IEA issued its ground-breaking report on Capturing the Multiple Benefits of Energy Efficiency, after a 2-year program of research and consultation. This report gathered evidence from around the world on the positive impacts that energy efficiency measures are having for social, economic and environmental outcomes, from improving indoor and outdoor air quality, and thereby improving health and wellbeing, to improving industrial productivity, to boosting public budgets and supporting macroeconomic growth.

One of the key messages of that work was the critical importance of robust ex-ante policy planning and monitoring and evaluation of the impacts ex-post. The IEA underlined that, if we want to be deliberate about maximizing the benefits of clean energy policies, we must track what is changing and improve our understanding of how to do more of what works and be ready to make changes where something is not working. **Good evaluation is the key, and the IEA advocated strongly for greater investment of time, money and training by governments to make use of evaluation tools.**

The IEA has continued down this path, recently publishing a study called Strategies for Fair and Affordable Clean Energy Transitions, and EEAP was very honoured to send a delegate from our Steering Committee, Nina Campbell, to speak at the IEA's recent workshop gathering information to support this study. This latest work goes further, acknowledging that the costs and benefits of clean energy policies, and the transition in general, do not fall evenly across society. It notes that, not only do we need to focus on maximizing benefits, we also need to ensure that those benefits are accessible in an equitable way to all groups within the economy, and to all economies internationally.

In this latest work, the IEA acknowledges that the starting point for their analysis is an energy system characterized by multiple inequities, in which affordable energy is often out of reach.

Lower-income countries, communities and households are at the margins of today's energy system. The global energy crisis was a costly reminder of the frailties of today's energy system. The most fundamental inequity is the 750 million people today who lack access to electricity and more than 2 billion people who do not have access to clean cooking technologies and fuels.

There are also wide disparities in energy use and ability to pay across different income groups within societies. In advanced economies, the poorest 10% of households spend close to a quarter of their disposable income on residential energy and transport fuels, even though they consume about half as much of these fuels as the richest 10% (who spend 5% of their income on energy). There are even larger disparities across developing economies, with the poorest group consuming 1/4 that of the richest and often going without reliable, modern energy services.

It is time to move to one that is more affordable, and fair. **The transition to a clean energy system will not be complete unless all parts of society participate and benefit.**

The IEA study poses a key question for ensuring successful energy transitions: how can policies be designed in a way that ensures access to the clean energy economy for lower-income countries, communities and households?

As we switch to an electricity-dominated energy sector, the average cost per unit of electricity will be slightly higher in the near term in rapid energy transition scenarios, because of the need to pay for a surge in investments, but by the 2040s, electricity prices in most regions would be lower. Retail electricity prices are typically less volatile than oil product prices, so consumers face more predictable energy costs as they move through transitions. The net effect in emerging and developing economies is that total consumer energy expenditure is higher in the Net Zero Emissions (NZE) Scenario than in the Stated Policies Scenario (STEPS) – by 25% in aggregate over the next ten years – but by 2050 it is lower by nearly 20% compared with the STEPS. They remind us that while the destination is affordable, the challenge is in the journey.

Enhanced international efforts to increase the availability and lower the cost of capital for developing economies are a vital dimension of affordable transitions.

The report showcases examples of policies that have been effective for shifting the cost burden away from vulnerable households, including:

- High efficiency standards for new construction; grant programmes for energy efficiency retrofits targeting lower-income households and renters
- Placing energy efficiency obligations on energy utilities; favourable lease arrangements or pay-as-you-go schemes for solar panels or electric cars
- Minimum energy performance standards and top-up financing to make high-efficiency appliances more accessible and affordable.
- Making clean transport more accessible through supporting electrification of public transport and incentivizing the purchase of electric two- and three-wheelers
- Replacing fossil fuel subsidies with targeted support for vulnerable households, e.g. cash transfer schemes
- Allocating the revenues generated from carbon pricing schemes, to offset any social distortions in energy transitions

The IEA concludes that careful policy design is needed to ensure that policies maximize benefits and minimize costs, taking care that both of these are spread fairly across society, and taking care that the most vulnerable households have access to the transition. They insist that policy makers need to know their people and their needs. This knowledge will enable nuanced policy and program design with the ability to meet the needs of all different segments of society. **Monitoring and evaluation will continue to provide the essential evidence-base for careful policy design, and so the work of evaluators is more important than ever to the success of the clean energy transition.**

The latest development from this exciting work program is the establishment of the IEA-led [Global Commission on People-Centred Clean Energy Transitions: Designing for Fairness](#). We are expecting a new report to be released in the sidelines of the 2024 Clean Energy Ministerial in October, so watch this space!

Highlights and Takeaways from EEAP's Webinars

In the second quarter of 2024, EEAP hosted four engaging webinars, each focusing on key topics related to Energy Evaluation. These sessions were designed to underscore the critical role of evaluation in enhancing the effectiveness of energy programs. The webinars not only highlighted the importance of rigorous evaluation but also provided practical examples and case studies to demonstrate best practices in the field. Additionally, participants gained valuable insights and lessons learned from real-world evaluations, fostering a deeper understanding of how to apply these concepts to drive better outcomes in energy initiatives. Key highlights and takeaways from the webinars are given below:

1. Evaluation of SDG7 Webinar Series- Session 3 on March 20, 2024

On March 20, 2024, Energy Evaluation Asia Pacific (EEAP) hosted its 3rd webinar session, focusing on "Evaluation of SDG7 Policies and Programs in Asia Pacific." This engaging webinar featured two speakers from South Asia: Fayyaz Ahmed, MEL Coordinator at Mercy Corps from Pakistan, and Sadeep Acharya, Managing Director of Jalpadevi Auto Repairing Center Pvt. Ltd from Nepal. Fayyaz's presentation delved into evaluating SDG 7 at the policy level, drawing insights from policy briefs supporting the UN High-Level Political Forum 2023. Sadeep shed light on the challenges and opportunities in tracking energy access in remote areas of Nepal. The summary notes and recording of the webinar can be accessed at this [link](#).

Key Takeaways from the Session are:

- Edward emphasized the critical role of energy efficiency in achieving SDG7 and its interconnectedness with other SDGs, while also highlighting the significant challenges and unique opportunities in evaluating the complexities and intersectionality of these goals.
- Fayyaz highlighted that, despite innovative policies and technologies, global progress on SDG7 remains inadequate, and emphasized the need for targeted actions in the Asia-Pacific region, including improving electricity access, promoting clean cooking technologies, and advancing energy efficiency.
- Sadeep emphasized the critical importance of addressing energy access in remote regions, highlighting both the challenges—such as geographical isolation and infrastructure deficits—and the opportunities, including the use of solar energy, microgrids, and real-time data monitoring tools, to enhance energy access and inform future policy and resource allocation.

EAP Webinar Series

Evaluation of SDG7 – Towards Sustainable Energy for All (3)
March 2024 | 10:00 AM IST

Welcome!

The Session will begin shortly..

- Please introduce yourself in the chat sharing your name, country and organization.
- What's one small change you've made at home to save energy?



2. Evaluation of SDG7 Webinar Series- Session 4 on April 18, 2024

On April 18, 2024, EEAP organized the 4th session of its webinar series, dedicated to the "Evaluation of SDG7 Policies and Programs in Asia Pacific." This enlightening webinar featured two distinguished speakers: Ada Ocampo, President of IDEAS - International Development Evaluation Association and Henry Adams Co-founder and Director at Common Capital, Australia. Henry provided valuable insights into the challenges and opportunities inherent in evaluating and adapting clean energy affordability programs in the context of evolving climate policy objectives, stressing the importance of transformative thinking and datadriven approaches. Ada provided a comprehensive overview of the rationale, challenges, and importance of country-led evaluations in assessing progress towards the SDGs and contributing to transformative change. You can access the summary notes and recording of the webinar at this [link](#).



HENRY ADAMS

Director,
Common Capital

*"Evaluating multiple
benefits of net zero era
energy efficiency
programs"*



ADA OCAMPO,

President,
IDEAS

*"Country-led evaluation of the
SDGs: Why and why now?"*



EDWARD VINE

Steering Committee
Member, EEAP

Webinar Moderator

Key Takeaways from the Session are:

- Henry underscored the need for a shift from incremental to transformative approaches in clean energy programs, emphasizing that in the net-zero era, evaluating these programs must focus on their ability to deliver multiple benefits –such as emissions reduction, affordability, and equity–while ensuring that outcomes align with broader policy objectives.
- Ada highlighted the growing importance of country-led evaluations in assessing SDG progress, emphasizing the need for a systems approach and the critical role of evaluators in driving political decisions to undertake these evaluations as 2030 approaches.

3. Webinar on Measuring Progress on Energy Wellbeing in New Zealand, May 7, 2024

EEAP's 10th webinar organized during the month of May 2024, focused on 'Measuring energy wellbeing in New Zealand', featuring two notable speakers: Dr. Phoebe Taptiklis, Research Fellow, Motu Economic Public Policy Research, New Zealand, and Dr. Caroline Fyfe, Post-doctoral Researcher, Karolinska Institute, Stockholm, Sweden. EEAP Steering Committee Member, Nina Campbell, provided an overview of the Energy Landscape in New Zealand, while moderating the webinar. Phoebe Taptiklis presented findings from an evaluation of the Maori and Public Housing Renewable Energy fund, which allocated a substantial fund (\$28 million) to tackle energy affordability issues and enhance the quality of housing in New Zealand. Caroline Fyfe provided an overview of a study conducted on the Warm Kiwi Homes program in New Zealand run by the Energy Efficiency Conservation Authority (EECA), which aimed to improve energy efficiency and provide heating solutions for low-income households. You can access the summary notes and recording of the webinar at this [link](#).

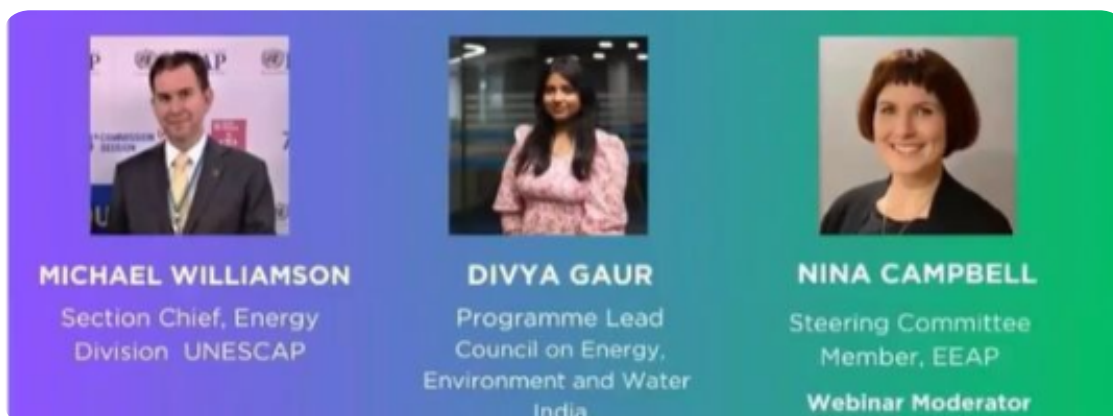


Key Takeaways from the Webinar are:

- Homes in New Zealand primarily rely on electricity and wood for heating and cooking respectively. Natural gas is also used, but only about 20% of homes are connected to the gas grid. Building insulation is relatively rare but is being retrofitted rapidly across the country.
- The evaluation of the Maori and Public Housing Renewable Energy Fund revealed a significant reduction in grid-sourced electricity consumption following solar panel installations, highlighting the potential of renewable energy to enhance household well-being and energy management.
- The study on the Warmer Kiwi Homes Program showed significant improvements in life satisfaction, perceived warmth, and reduced electricity usage. The cost-benefit analysis revealed substantial societal and health-related savings, despite challenges posed by the COVID-19 pandemic.

4. Webinar on Transforming How We Measure Clean Energy Transitions, June 7, 2024

To highlight the importance of measuring wider impacts of Energy interventions, EEAP organized an interactive webinar on 7th June 2024, during the gLOCAL Evaluation Week 2024, exploring cases that go beyond energy and carbon savings, assessing the social, economic, and environmental benefits and challenges of clean energy initiatives. The webinar featured two speakers; Michael Williamson, Section Chief Energy Division, United Nations ESCAP and Divya Gaur, Program Lead, Council on Energy, Environment and Water (CEEW), India. Michael provided an overview of the Asia-Pacific region's progress on SDG7 for clean and affordable energy access. He provided an update on how we are tracking against SDG7 targets and offered insights on approaches to high-level measurement, emerging opportunities, and the challenges in evaluating SDG7 targets. Divya shared an innovative project from India evaluating renewable energy's impact on livelihoods. The project used indicators for affordability, productivity, and gender equality across large, medium, and micro-scale projects. You can access the summary notes and recording of the webinar at this [link](#).



Key Takeaways from the Webinar are:

- Nina advocated for evidence-based policy-making that goes beyond traditional metrics like kilowatt-hours saved, emphasizing the importance of measuring broader social and economic benefits such as cleaner air, better housing, job creation, and improved health.
- Williamson stressed the interconnectedness of energy with other sectors, advocating for a broader understanding of energy's role in human and economic development, and the necessity of energy justice, efficiency, and renewable adoption for sustainable progress.
- Divya discussed the socioeconomic and environmental impacts of Productive Use of Renewable Energy (PURE) technologies, highlighting their role in enhancing productivity, empowering individuals, especially women, and reducing carbon emissions. Divya also stressed the importance of affordability analysis and tailored financial instruments to overcome adoption barriers.

Empowering the Future! Briefs on EEAP's Workshop on 'Energy Evaluation 101', organized during Youth-in-Evaluation Week 2024

The second annual Youth in Evaluation Week was organized during July 8-12 2024, with the over-arching theme of 'Upholding Youth in Evaluation standards'. This intergenerational event fostered greater commitment and action towards meaningful youth engagement in evaluation, aligning with the UN Summit of the Future 2024.

To mark the Youth-in-Evaluation Week, Energy Evaluation Asia Pacific organized an interactive workshop on Energy Evaluation 101, with the objective of increasing the interest of Young and Emerging Evaluators (YEEs) in the Evaluation of Energy programs and Policies and increase their knowledge and understanding of the field.

The workshop was facilitated by EEAP's Steering Committee members and attended by 47 participants including YEEs, energy and evaluation professionals and academics. The workshop covered the following key topics:


- Energy Efficiency Evaluations
- Carbon Neutrality Benchmarking and Monitoring
- Energy Evaluations and Multiple Benefits
- A Co-Benefits Approach
- Promoting, Advocating, and Capacity Building for Evaluation in Energy
- Energy Evaluations Challenges and Opportunities





You can access the workshop recordings at this [link](#).


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 [website](#). 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: [EEAP LinkedIn](#)

 **Youtube Channel:** Energy Evaluation's [Youtube 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.

 **Twitter 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!

Featured Spotlight: Meet Nina Campbell EEAP's Steering Committee's Member from New Zealand



Nina Campbell serves on the steering committee of Energy Evaluation Asia Pacific (EEAP), where she plays an important role in shaping the organization's strategy and guiding its strategic and operational planning. Nina is from New Zealand and she has extensive experience working in energy policy and global development, both at home and in Europe. Her professional journey spans significant roles with the New Zealand Ministry for Energy and Resources, the International Energy Agency (IEA), and currently as the Global Energy Lead for Consumers International, a leading global NGO dedicated to consumer protection and empowerment.

Nina's deep connection to her home country and the broader Asia-Pacific region fuels her passion for cross-cultural collaboration, which she believes enriches global development efforts. Her career is marked by a human-centered approach to energy policies and a strong commitment to monitoring and evaluation, both of which are crucial for designing impactful clean energy solutions.

As the world confronts climate change challenges, Nina advocates for innovative approaches to transition from traditional fossil fuels to cleaner energy sources. She sees monitoring and evaluation not just as tools but as vital investments in continuous improvement and achieving a sustainable clean energy future. Nina is enthusiastic about her work with the EEAP, which is instrumental in fostering regional dialogue and collaboration to enhance clean energy policies and drive meaningful change.

“I am very excited about the work we are doing at EEAP bringing people together across the Asia -Pacific region to discuss how to keep improving clean energy policies – it will make all the difference.” (Nina)



Exciting Events upcoming in the Asia Pacific Region

Singapore International Energy Week 2024, 21 – 25 October

The Singapore International Energy Week (SIEW) is an annual platform, organized by the Singapore Energy Market Authority (EMA), for energy professionals and policymakers to share best practices and solutions within the global energy space. Registration is open for SIEW 2024 that will take place from 21 – 25 October at the Marina Bay Sands Convention Centre, Singapore.

Explore more [here](#).



International Conference on Sustainable Energy 2024, 21-23 October

The International Conference on Sustainable Energy (ICUE) is organized by the Asia Institute of Technology every two years in Thailand. ICUE 2024 on Energy Transition and Net-Zero Climate Future will focus more on sustainability issues and how best different forms of energy can be harnessed towards a sustainable green growth aiming for a net-zero climate future. Discover more [here](#).



5th Asia Pacific Winter School for Young and Emerging Evaluators (YEEs), November 30 - December 1, 2024

The 5th Asia Pacific Winter School for Young and Emerging Evaluators (YEEs) will be organized by EvalYouth Asia in Colombo Sri Lanka from November 30 - December 1, 2024. It is an excellent opportunity for YEEs to enhance their evaluation skills and network with peers. You can access the application form [here](#).



 **Upcoming EEAP Events**

EEAP plans to organize more webinars on the evaluation of energy (energy efficiency and renewable energy) policies and programs in the Asia Pacific.

Stay tuned to our [page](#) for the latest updates and the schedule of other webinars and events. We look forward to your participation and engagement!

CALLING ACADEMICS AND PROFESSIONALS

We invite you to contribute to our community by sharing your innovative projects, inspiring stories, and valuable insights on energy evaluation. Your contributions will enrich our community and provide valuable knowledge to fellow readers. Your submissions may be featured in our website and upcoming newsletters, showcasing your expertise and contributing to the collective learning of our community.

 **Contact Us!**

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

ABOUT ENERGY EVALUATION ASIA PACIFIC (EEAP)

 **Follow Us!**

[LinkedIn](#)



[Twitter](#)



[Youtube](#)