



2017 IEPPEC Conference – Draft Agenda

November 1- 2

Bangkok, Thailand

WEDNESDAY MORNING - NOVEMBER 1	
8:00 – 8:30	Registration
8:30 – 10:00	<p>OPENING PLENARY Brian Motherway, IEA</p> <p>How Do We Measure the Effect of Energy Efficiency on Prosperity? “Energy efficiency can and should play a much greater role in our economic and social development. So how do we convince governments to prioritise energy efficiency policies and programmes to drive investment across our economies? IEPPEC and the IEA are working together to provide the evidence to drive this change.”</p>
10:00 – 10:30	Morning Break
10:30 – 12:00	Concurrent Sessions
1	<p>EVALUATION OF MULTIPLE IMPACTS OF ENERGY EFFICIENCY Moderator: Kathleen Gaffney, Navigant</p> <p>Energy efficiency has uncounted benefits besides saving energy, particularly health impacts. This session covers the challenges of designing and implementing evaluation studies of multiple impacts and how to overcome reluctance to accept and report positive effects. This session will also examine the role of partnerships in achieving the multiple benefits of energy efficiency, potential indicators that can be used to evaluate partnerships, and tools and metrics for evaluating multiple impacts.</p> <ul style="list-style-type: none"> • Health Impact Assessment of Energy Efficiency in Buildings: A Case Study of the UK – Philip Seymonds • The Challenges of Implementing a Multiple Impacts of Energy Efficiency Framework: Early Lessons from Australia - Mary O’Neill, Office of Environment and Heritage NSW • Indicator Development and Evaluating the Multiple Impacts of Energy Efficiency - Michael Reid, The Keyline Group
2	<p>EVALUATION CAPACITY BUILDING IN ASIA Moderator: Li Pengcheng, CNIS</p> <p>Based on activities and projects in Asia and elsewhere, this session assesses the need for capacity building, financial mechanisms, adaptive management, commitment of key stakeholders, and transformational change for developing an evaluation community in Asia, particularly in developing countries.</p> <ul style="list-style-type: none"> • Creating an Evaluation Community in Asia - Edward Vine, Lawrence Berkeley National Laboratory • USD100 Billion a Year for Climate Finance is a Lot of Money, Let’s Spend It Effectively - Charles Michaelis, Strategy Development Solutions • Evaluation Lessons Learned from North America – Robert Wirtshafter, Wirtshafter Associates, Inc. • Introduction to the Certified Energy Savings Verifier – Thomas K. Dreessen, EVO
12:00 – 13:00	<p>SOAPBOX SESSION</p> <p>The potential contribution of blockchain technology to scale investment into energy efficiency: implications for evaluation” - Ingo Puhl, Director Strategy, South Polar Group</p> <p>Follow an informal session where attendees can talk on the subject of their choice for around five minutes. We would like to hear about evaluations you have conducted or are planning to conduct, data collection or analysis techniques you have employed, and how evaluations have been used to improve policies or programmes.</p>
13:00 – 14:00	Lunch Break

14:00 – 15:30	Concurrent Sessions
3	<p>FRAMEWORKS FOR EVALUATING ENERGY SAVINGS, GHG EMISSIONS, AND SUSTAINABLE DEVELOPMENT Moderator: <i>Mirjam Harmelink, Harmelink Consulting</i></p> <p>This session examines the energy and greenhouse gas impacts and cost-effectiveness of energy efficiency programmes in Australia, presents the evaluation (using theory of change) of a United Nations Environment Programme (UNEP)/Global Environment Facility project providing assistance to 36 countries, and describes the process of developing a programme theory and a theory of action as the basis for monitoring and evaluation activities to track progress towards and the achievement of the United Nation’s Sustainable Development Goal 7: “ensure access to affordable, reliable, sustainable, and modern energy for all.”</p> <ul style="list-style-type: none"> • Program Evaluation: Its Application to Program (Initiative) Impacts - <i>Graham T. Armstrong, Saturn Corporate Resources Pty. Ltd.</i> • Terminal Evaluation of the UNEP/GEF Project: Technology Needs Assessment Phase I - <i>Amitav Rath, Policy Research International</i>
4	<p>DISAGGREGATED POPULATION BEHAVIOUR Moderator: <i>Anne Dougherty, ILLUME Advising</i></p> <p>For countries to implement policies on energy efficiency and sustainable development, governments have to consider the attitudes and behaviours of diverse, dynamic populations, which have an impact on the environment and carbon emissions. These papers provide insight into these linkages and how policy makers and programme managers can influence them.</p> <ul style="list-style-type: none"> • Understanding Migrants’ Consumption Behaviours - <i>Christina Yp Ting, Swinburne University of Technology</i> • Energy Efficiency Amongst New Modern Energy Consumers in The Greater Mekong Sub Region - <i>Pan Piyasil, The Joint Graduate School of Energy and Environment</i> • Evaluating Gender in Energy Efficiency Policies and Programmes in Asia - <i>Edward Vine, Lawrence Berkeley National Laboratory</i>
15:30 – 16:00	Afternoon Break
16:00 – 17:00	PANEL DISCUSSION
PANEL	<p>THE ROLE OF ENERGY EFFICIENCY IN ENVIRONMENTAL, ECONOMIC, AND SOCIAL DEVELOPMENT Moderator: <i>Michael Reid, The Keyline Group</i></p> <p>“Energy efficiency can and should play a much greater role in our economic and social development. So how do we convince governments to prioritise energy efficiency policies and programmes to drive investment across our economies?” <i>Brian Motherway, IEA</i></p> <p>IEPPEC and the International Energy Agency (IEA) are working together to provide the evidence to drive this change. This panel opens a conversation to explore this broader link to sustainable development and the ‘indivisible whole’ that is prompted by the IEA’s Multiple Benefits of Energy Efficiency (MBEE) framework and the UN Sustainable Development Goals (SDG). Drawing on expertise in MBEE and SDG, the panel explores three key areas:</p> <ol style="list-style-type: none"> 1. What role does the MBEE framework and the UN SDGs take up in breaking down the silos that policy makers tend to operate in? 2. Is the energy efficiency sector embracing the transformative potential of policy coherence? 3. What more could we be doing to advance this emerging area of endeavor? <p>Panelists: TBA</p>
17:00 – 18:00	<p>BUILDING AN EVALUATION COMMUNITY IN ASIA – OPTIONAL</p> <p>If you are interested in helping IEPPEC to build an evaluation community in Asia, then come along to this meeting to learn more about what’s involved and how you could help.</p>

THURSDAY MORNING - NOVEMBER 2	
7:30 – 8:30	Continental Breakfast & Registration
8:30 – 10:00	
5	<p>PROVIDING KEY INFORMATION TO POLICYMAKERS FOR PROGRAMME AND POLICY DESIGN AND IMPLEMENTATION Moderator: <i>Melanie Slade, IEA</i></p> <p>Effective evaluation needs to reflect the social, technical and commercial environment in which a policy or programme has been implemented. This session will bring together experiences of evaluating energy efficiency programmes in three very different environments illustrating a range of evaluation approaches that can be applied in different contexts.</p> <ul style="list-style-type: none"> • Energy Efficiency in Nepal: Assessing the Impact of Selected Demand Side Management Measures in Nepal’s Electricity Sector - <i>Shardul Tiwari, Freelancer consultant for German development cooperation</i> • Lessons Learned from Reviewing an Entire Portfolio of Energy Efficiency and Renewables Programmes - <i>Amelia Smith, Energy Efficiency and Conservation Authority</i> • Analysis of Program Administrative Cost of Saved Energy in Geneva, Switzerland in Comparison with Leading States in the U.S. - <i>Haein Cho, University of Geneva</i> • A Stakeholder Takeover of National Energy Policy - <i>Ton van Dril, ECN</i>
6	<p>AUDITS AND ENERGY MANAGEMENT IN INDUSTRIAL AND COMMERCIAL BUILDINGS AND DAIRY FARMS Moderator: <i>Archana Walia, CLASP</i></p> <p>Energy audits and energy management systems can play a critical role in policy implementation and understanding the impact and future potential of energy efficiency within the community of non-residential energy efficiency policy analysts, project developers, and evaluators in the Asian-Pacific region.</p> <ul style="list-style-type: none"> • Evaluation of the Impact of Obligatory Energy Audits for Large Companies in Germany on Improvement of Energy Efficiency - <i>Edelgard Gruber, IREES</i> • Energy Efficiency Networks for SMEs – Program Theory and Ongoing Evaluation - <i>Ida Johansson, University of Gävle</i> • Energy Efficiency in Dairy Milk Farms, Realization of 500 Standardized Energy Audits, Impact Analysis of the Programme - <i>Ernesto Elenter, UDELAR - Faculty of Engineering - University of Uruguay</i> • GHG Abatement Roadmap for the Industrial Sector in Thailand – <i>Lindee Wong, Ecofys – A Navigant Company</i>
10.00 – 10.30	Break
10:30 – 11:30	<p>EVALUATION CLINIC</p> <p>This is your chance to raise challenges and issues you have encountered (or think you might encounter) in designing or conducting evaluations. We will have a panel of evaluation experts ready and able to answer your questions and help you to conduct better evaluations. Questions can be submitted in advance and, if time allows, raised during the session</p>
11:30 – 12:30	Lunch
12:30 – 14:00	Concurrent Sessions

7	<p>NEW DEVELOPMENTS IN ECONOMETRIC MODELLING, DYNAMIC PRICING, AND FORECASTING Moderator: <i>Philipp Degens, Energy Trust of Oregon</i></p> <p>This session focuses on new developments in dynamic pricing (for residential customers living in hot and humid climates), end use modeling for studying consumer behavior at the level of individual end uses and market segments, and combining traditional load research practices with advanced metering and big data analytics.</p> <ul style="list-style-type: none"> • Customer Response to Dynamic Pricing in a Hot and Humid Climate: A Case Study of Florida - <i>Neil Lessem, The Brattle Group</i> • A Hybrid Model for Forecasting Electricity Sales and Peak Demand: A Case Study of TNB in Malaysia - <i>Ahmad Faruqi, The Brattle Group</i> • What Lies Below the Curve - <i>Claude Godin, DNV GL</i>
8	<p>APPLIANCE STANDARDS AND LABELING PROGRAMMES Moderator: <i>Kritika Rasisuddhi, EGAT</i></p> <p>This session focuses on programmes relating to energy-efficient appliances and equipment, with the overall objective to reduce global electricity consumption and mitigate climate change. The papers examine how evaluation has been used to develop policy approaches to adopt and implement the most efficient technologies, along with a discussion of the challenges and difficulties in seeking solutions.</p> <ul style="list-style-type: none"> • India's Experience in Implementing Strategic Schemes to Enhance Appliance Energy Efficiency & Futuristic Integrated Policy Approaches to Adopt Most Efficient Technologies - <i>Archana Walia, S. Sundaramoorthy, CLASP</i> • Evaluation of Compliance Frameworks of Labeling Programmes – <i>Neha Dhingra, CLASP</i> • Poster: Process Evaluation in Energy Efficiency Appliances Labeling Programme of Thailand - <i>Pimpisa Phoamporn, EGAT</i>
14:00 – 14:30	Break
14:30 – 16:00	Concurrent Sessions
9	<p>REDUCING GREENHOUSE GAS EMISSIONS: POLICIES, INDICATORS, AND EVALUATIONS Moderator: <i>Martin Brown-Santirso, Asia Pacific Energy Research Centre</i></p> <p>Emission reduction commitments and actions are at the the front line in Asia and elsewhere. Policies and legislation are being put in place to promote energy efficiency in all sectors, and the evaluation of these policies is critical, although challenging due to data and information gaps. Tools are needed to track progress against the emission reduction commitments and actions of countries, and to point out where more policies need to be enhanced to meet those commitments.</p> <ul style="list-style-type: none"> • Energy Efficiency and its Contributions to Mitigating Singapore's GHG Emissions - <i>J. C. Ho, Energy Studies Institute, NUS</i> • Towards Low-Carbon Economy: Approaches and Evidence from GEF Climate Mitigation Evaluations - <i>Juha I. Uitto, Geeta Batra, and Neeraj Negi, Global Environment Facility Independent Evaluation Office</i> • The Climate Action Tracker - Tracking Progress Towards NDCs – <i>Lindee Wong, Ecofys</i>

PANEL	<p>EXPERIENCES ON THE REGIONAL HARMONIZATION OF STANDARDS IN THE ASEAN AND REPLICATING IN OTHER REGIONS Moderator: <i>Steve Kukoda, International Copper Association</i></p> <p>This panel describes the methodologies that led to the first regionally harmonized standard in the ASEAN region, for room air conditioners, and ongoing efforts to expand the project to include other appliances. This panel discusses newly created policy guides and roadmaps for lighting, refrigerators, and air conditioners (as well as for motors and distribution transformers) that, when implemented, will lead to total market transformations towards energy efficient appliances. At the heart of these market transformations are mandatory Minimum Energy Performance Standards (MEPS) and associated policy frameworks, including creative financing mechanisms. Without intervention, these developing economies will lock-in inefficient appliances that will exacerbate climate change and make unstable grids even more so.</p> <ul style="list-style-type: none"> • Mr. Pierre Cazelles, Director – Partnerships Asia, International Copper Association • Mr. Asawin Asawutmangkul, Senior Engineer at Bureau of Energy Efficiency Promotion - Bureau of Energy Efficiency, Thailand • Dr. Chin Wai Meng, Senior Manager R&D – Daikin Malaysia
16:00 – 16:30	Break
16:30 – 17:30	CLOSING PLENARY
PANEL	<p>USE OF EVALUATION BY POLICYMAKERS Moderator: <i>Charles Michaelis, Strategy Development Solutions</i></p> <p>The purpose of evaluation is to enable policy makers to achieve the desired social objectives more effectively. Evaluation of energy efficiency policies should support policy makers to develop better policies which, in turn, deliver more energy efficiency and result in lower energy consumption than would otherwise have been the case. Too often, however, evaluation reports sit on a (virtual) shelf and are not used to improve the policies they were commissioned to investigate. The panel includes three policy makers who have used evaluation to improve the effectiveness of energy efficiency policies. They share their experience of using evaluation and the benefits to their policy making. The panel explores the challenges to making good use of evaluation and will investigate how individual panelists overcame those challenges in practice. The audience will pick up practical tips that they can use for their next evaluation.</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Melanie Slade, IEA • Amelia Smith, Energy Efficiency and Conservation Authority • Mr. Pierre Cazelles, Director – Partnerships Asia, International Copper Association • Mr. Asawin Asawutmangkul, Senior Engineer at Bureau of Energy Efficiency Promotion - Bureau of Energy Efficiency, Thailand • Dr. Chin Wai Meng, Senior Manager R&D – Daikin Malaysia
17:30	Adjourn