



**Tuesday, 9 September 2014**

9:00 am - 9:35 am	 <p><b>WELCOME, OPENING PLENARY and KEYNOTE</b>  <b>Keynote: Maria van der Hoeven, Executive Director, IEA – Energy Efficiency: Quantifying the Multiple Benefits</b></p> <p>The traditional focus on energy savings as the main goal of energy efficiency policy has, at times, led to an underestimation of the full value of energy efficiency in both national and global economies. Recent research reveals that energy efficiency brings multiple benefits, supporting strategic objectives for economic and social development, enhancing the sustainability of the energy system, promoting environmental sustainability and building wealth. The International Energy Agency has completed a two-year research programme investigating the multiple benefits of energy efficiency, with collaboration from over 300 international experts. The results are presented in a full-length publication which demonstrates how the various impacts of energy efficiency can be measured and quantified using a multiple benefits approach. This work repositions energy efficiency as a mainstream tool for economic and social development, and has the potential to initiate a step-change in the uptake of energy efficiency opportunities in the market. Ms. van der Hoeven will officially launch the IEA publication, entitled “The Multiple Benefits of Energy Efficiency: Measuring the Positive Impacts,” at the opening plenary of the 2014 IEPEC Conference.</p>			
9:35 am - 9:45 am	<p><b>Welcome from Besondere Orte, Efficiency at Work</b>          Anke Stopperich, BESONDERE ORTE          Built in 1890, bombed in WWII and rebuilt to set a new standard for efficient building design. IEPEC selected this building as it is a working example of efficiency at work.</p>			
9:45 am - 10:30 am	 <p><b>Putting Evaluation to Work</b>  <i>From Promise to Reality: Everyone Agrees!</i> Energy efficiency makes sense and is a positive activity—for jobs, energy security, clean air and water and our overall economy. Proof can be seen in the programmes that are multiplying each year by agencies such as UNFCCC, UNSE4All, CEM, MEF and G20. Mr Lebot will discuss one of the barriers to achieving the promise of energy efficiency. It is the lack of metrics to the promise and to create good public policy that turns promise into reality. Without good metrics on energy efficiency, it is risky to shape and implement EE policies; what if we guess wrong and we miss an opportunity. Energy is big business and it needs constant oversight to assure good decisions going forward. Mr. Michael Geißler will present the work and efforts of the Energy and Climate Protection Agencies in Germany and Europe and will give an insight into raising economic energy efficiency potentials in selected projects.</p> <ul style="list-style-type: none"> <li>• Benoît Lebot, Head of IPEEC Secretariat (International Partnership for Energy Efficiency Cooperation (far left)</li> <li>• Michael Geißler, Secretary General of the European Federation of Agencies and Regions for Energy and Environment (FEDARENE), Chairman of the German Federation of Energy and Climate Protection Agencies (eaD)</li> </ul>			
10:30 am - 11:00 am	<p><b>BREAK</b></p>			
11:00 am - 12:30 pm	<p><b>Seminar Room 9</b>  <b>Market Transformation for Lighting, Sibylle Braungardt, Fraunhofer Institute for Systems and Innovation Research ISI</b></p> <p>Transforming a Residential Lighting Market, K H Tiedemann, BC Hydro and Iris Sulyma, Research 4 Results</p> <p>How Upstream Lighting Programs Are Affecting Markets for Standard CFLs in the U.S.: Lessons from Michigan, Nicole Wobus, Navigant and Jill Steiner, Cadmus</p> <p>Top Down and Bottom Up: Market Effects and Program Attribution in the C&amp;I Market, Kathryn Parlin, West Hill Energy and Computing</p> <p>The Lumen Revisited: Implications for Global Lighting Regulations, Peter Bennich, The Swedish Energy Agency</p>	<p><b>Seminar Room 4/5</b>  <b>Integrating Renewables, Erwin Cornelis, VITO NV</b></p> <p>Integrating Renewable Energy onto the Electric Grid with Automated Demand Response Resources, Stuart Schare and Debbie Brannan, Navigant</p> <p>Northwest Ductless Heat Pump Pilot Project - A Whole System Approach to Market Transformation and Evaluation, Poppy Storm, Ecotope, Inc. and Anu Teja, Northwest Energy Efficiency Alliance</p> <p>Evaluating the Renewable Heat Incentive (RHI), Andrew Charlesworth and Marianne Law, Department of Energy and Climate Change</p>	<p><b>Seminar Room 10</b>  <b>Estimating Climate Policy Impacts, Julia Larkin, Ecofys Germany GmbH</b></p> <p>New Greenhouse Gas Protocol standards for quantifying GHG effects of policies and tracking progress toward mitigation goals, Marion Vieweg, Current Future Consulting</p> <p>Projecting Greenhouse Gas Emissions under Climate Policy Scenarios: Challenges and Solutions, Hanna Fekete and Julia Larkin, Ecofys Germany GmbH</p> <p>Are We Heading to a Low Carbon World? Evaluation of Methodologies and Projections to Track Global and National Progress toward Decarbonization, Casey Cronin, ClimateWorks Foundation</p>	<p><b>Seminar Room 1/2</b>  <b>Performance &amp; Cost Metrics, Iris Sulyma, Research 4 Results</b></p> <p>Interpreting Cost-Effectiveness: Target Definitions Versus Policy Goals, Robert Harmsen, Utrecht University</p> <p>Developing Performance Indicators for the Intelligent Energy Europe (IEE) Programme, Lisa Groves and Heather Haydock, Ricardo-AEA</p> <p>Modeling Energy Savings and Cost Effectiveness Performance: A Regression Analysis of North American Residential Lighting Programs, K.H. Tiedemann, BC Hydro and I.M. Sulyma, Research 4 Results</p> <p>Application of Energy Intensity Changes as a Proxy for Energy Savings, Piet Boonekamp, ECN</p>

12:30 pm - 2:00 pm	<b>LUNCH and Poster Discussions</b>			
2:00 pm - 3:30 pm	<p><b>Seminar Room 9</b>  <b>National Energy Programme Evaluation, Stefan Thomas, Wuppertal Institute for Climate, Environment and Energy</b></p> <p>A National Experiment Without Evaluation or: Monitoring and Evaluating the Energiewende?, Sarah Rieseberg, Arepo Consult</p> <p>Expanding the Policy Theory Behind the Climate and Energy Package in Greece, Niki-Artemis Spyridaki and Anastasia Ioannou, University of Piraeus</p> <p>An Econometric Model to Assess Residential and Tertiary Sector Electricity and Gas Savings in the EU, Paolo Bertoldi, European Commission</p>	<p><b>Seminar Room 4/5</b>  <b>EM&amp;V Protocols, Martin Patel, University of Geneva, Institute for Environmental Sciences</b></p> <p>EM&amp;V Methods: A Time for Uniformity, Hossein Haeri and Tina Jayaweera, Cadmus</p> <p>Protocols for Evaluating Energy Efficiency—Both Sides of the Atlantic, Frank Stern, Dimitris Vantzis, Navigant</p> <p>Perspectives on Program Influence and Cost Effectiveness Moving Forward from the Recent US Debates, Michael Rufo, Itron, Inc.</p>	<p><b>Seminar Room 10</b>  <b>Labelling and Market Effects, Li Pengcheng, CNIS</b></p> <p>Lifting the Label: Evaluating the Real Impact of Energy Labelling in Viet Nam, Charles Michaelis Databuild Research &amp; Solutions Ltd</p> <p>Modelling the Effect of the Ecodesign and Labelling Directives: Bottom-up Analysis of EU-27 Residential Electricity Use, Sibylle Braungardt, Fraunhofer Institute</p>	<p><b>Seminar Room 1/2</b>  <b>Evidence: What Does Demand Response Deliver, Moderator Robert Wirtshafter, Wirtshafter Associates</b></p> <p>Impact Evaluation of a Peak Time Rebate Program with Universal Enrollment: Estimation With and Without Control Groups, Steve Braithwait, Christensen Associates Energy Consulting</p> <p>Evaluating a Behavioral Demand Response Trial in Japan: Evidence from the Summer of 2013, Toshihiro Mukai and Ken-ichiro Nishio, Central Research Institute of Electric Power Industry</p> <p>The Benefits and Costs of Smart Grid Enabled Demand Side Management, Erik Gilbert and Ian Smyth, Navigant</p>
3:30 pm - 4:00 pm	<b>BREAK and Posters</b>			
4:00 pm - 5:30 pm	<p><b>Seminar Room 9</b>  <b>Behaviour Change in Europe and the US, Ed Vine, Lawrence Berkeley National Laboratory</b></p> <p>Scalability of Successful Behaviour Change Programs, Mary D Zalesny, Pacific Northwest Nat'l Laboratory</p> <p>Behavioural Energy Feedback Program Evaluations: A Survey of Current Knowledge and a Call to Action, Anne Dougherty and Sara Van de Grift, ILLUME Advising, LLC</p> <p>Towards a Behavioural Indicator for the Evaluation of Energy Conservation at Work, Theodora Seal and Flora Madic, Université de Genève, Switzerland</p> <p>Spreading Myths Around Building Renovation: Information Failure Prevails in Germany, Dora Griechisch, Duetsche Umwelthilfe e.V.</p>	<p><b>Seminar Room 4/5</b>  <b>Demand-Side Management Portfolios, Toshihiro Makui, Central Research Institute of Electric Power Industry</b></p> <p>How Efficient is Your Efficiency Portfolio? Lessons from the United States on DSM Portfolio Optimization, Rachel Kane, Opower</p> <p>Reap What You Sow: The Role of a Central Design Authority Framework to Achieve More Aggressive Energy Efficiency Goals, Toben Galvin, Navigant</p> <p>Demand-Side Management Policy: Implementation and Success, Peter Warren, UCL Energy Institute</p>	<p><b>Seminar Room 10</b>  <b>Ex-Post Evaluations for utility Programs: Providing Facts &amp; Figures, Jean-Sébastien Broc</b></p> <p>Energy Savings Over a 3-year Opt-in Rewards-based Residential Behaviour Programme, Carly McClure and Bill Provencher, University of Wisconsin Madison and Navigant</p> <p>Evaluation of an Energy Efficiency Program for Small Customers in Geneva (Switzerland), Jean-Luc Bertholet and Daniel Cabrera, Université de Genève</p> <p>Energy and Non-Energy Impacts of a Demand-Side Management Program: Case Study of the Program éco21, Geneva, Switzerland, Gilles Garazi and Cedric Jéanneret, Services Industriels de Genève</p>	<p><b>Seminar Room 1/2</b>  <b>Evaluation Methods, Piet Boonekamp, ECN</b></p> <p>Backcasting: A Restrospective Impact Assessment of Canada's R-2000 Initiative, Kevin Monte de Ramos, KMDR Research</p> <p>Getting it Right: Practical Steps for Increasing Energy Efficiency Evaluation Quality, Brandy Brown, CLEARResult</p> <p>From Calculated to Real Energy Savings Performance Evaluation: How ICT-Innovation and Do-It-Yourself User-Generated Data Monitoring Can Enable to Improve Real Performance Evaluation of Energy-Efficiency Initiatives, Matt Batey, De Montfort University and Ruth Mourik, Duneworks</p>



**Wednesday, 10 September 2014**

8:30 am - 9:00 am	<b>Registration</b>			
9:00 am - 10:30 am	<p><b>Seminar Room 9</b>  <b>Evaluation Frameworks: A Panel Discussion on Roles, Approaches and Gaps, Kevin Cooney, Navigant</b></p> <p><i>Investments in clean energy being made in various parts of the world would benefit from more easily comparable metrics and evaluation data to allow better tracking and benchmarking of global EE efforts. This panel includes a participant from China, USA and Europe.</i></p> <p>Thomas Dreesen, Chairman, Efficiency Valuation Organization (EVO)--China</p> <p>Eoin Lees, Regulatory Assistance Project--Europe</p> <p>Elizabeth Titus, Northeast Energy Efficiency Partnership--USA</p>	<p><b>Seminar Room 4/5</b>  <b>Additionality (Net to Gross), Jane Peters, Research Into Action</b></p> <p>Building Confidence in Meeting Energy Efficiency Targets—Addressing Free Riders and Additionality, Daniel M Violette and Dimitris Vantzis, Navigant</p> <p>Inertia And Effectiveness Of Tax Credits For Home Insulation: a French Case Study, Marie-Laure Nauleau, CIRED</p>	<p><b>Seminar Room 10</b>  <b>Certificate Schemes, Jim Scheer, Sustainable Energy Authority of Ireland</b></p> <p>An Energy Efficiency Obligation Scheme for Russian Industry—An Ex Ante Evaluation of Options, Heleen Groenenberg, Ecofys Netherlands</p> <p>Analysis of the Commodification and Financialisation Aspects of the Certificate Schemes in Flanders and Norway, Erwin Cornelis, VITO and Arne Lind, NTNU</p> <p>White Certificates in Industry: The Italian Experience, Dario Di Santo and Daniele Forni, FIRE</p>	<p><b>Seminar Room 1/2</b>  <b>Wider Impact of Energy Efficiency Policies, Mirjam Harmelink, Harmelink Consulting</b></p> <p>The Positive Effects of Energy Efficiency on the German Electricity Sector, Friedrich Seefeldt , Energy Futures Group and Rick Weston, Regulatory Assistance Project</p> <p>Estimating the Macroeconomic Benefits of Energy Efficiency Policy, Nina Campbell, IEA and Lisa Ryan</p> <p>An Ex-ante Evaluation of the Economy-wide Benefits of the Thai Energy Efficiency Action Plan, Felix Suerkemper, Wuppertal Institute for Climate, Environment and Energy</p>
10:30 am - 11:00 am	<b>Break and Posters</b>			
11:00 am - 12:30 pm	<p><b>Seminar Room 9</b>  <b>Evaluation of Local Buildings Programs: Selected Insights, Alexandra Novikova, Institute for Climate Protection, Energy &amp; Mobility</b></p> <p>Assessing Local Governance for Energy Efficient Buildings: Dialogue and Local Requirements in Malmö Sweden, Nora Smedby, Lund University</p> <p>Regional Energy Efficiency Programmes, Dominique Osso, EDF R&amp;D and Raynaud Maxime, MINES Paris Tech</p> <p>The Concept of Efficacy and the 3 E Method: A New Approach in Environmental _Policy Assessment, Andreas Tuerk, Joanneum Research</p>	<p><b>Seminar Room 4/5</b>  <b>Delivering Affordable Energy Efficiency, Nina Campbell, IEA</b></p> <p>Evaluation of an Energy Efficiency Program for Low-Income Households, Daniel Cabrera, Université de Genève</p> <p>The Residential Mass Rollout (RMR) Programme in South Africa, Xianming Ye and Xiahua Xia, University of Pretoria</p> <p>Evaluating New South Wales' Low Income Energy Efficiency Program - Home Power Savers, John Fawcett, Databuild Research and Solutions Ltd</p>	<p><b>Seminar Room 10</b>  <b>Estimating and Valuing Non-Energy Impacts of Energy Efficiency, Michelle McGuire, Databuild Research and Solutions Ltd</b></p> <p>Non-energy impacts of C&amp;I energy efficiency measures provide substantial program benefits above carbon reduction, Noel Stevens, DNV GL</p> <p>Accounting for Health Benefits, Jerrold Oppenheim and Theo MacGregor, Democracy and Regulation</p> <p>The Price Effect of Building Energy Rating in the Dublin Residential Market, Sarah Stanley, Sustainable Energy Authority of Ireland</p>	<p><b>Seminar Room 1/2</b>  <b>Improved M&amp;V Practices for Energy Efficiency, Heleen Groenenberg, Ecofys Netherlands</b></p> <p>Reducing Evaluation Uncertainty in Large Custom Projects, Julianne Meurice,</p> <p>Navigant and Jim Jerozal, AGL Resources Measurement and Verification: Making AMI Data Smart for Demand Response, Will Gifford and Yvonne Boerakker, DNV GL</p> <p>All Together Now! How Collaboration Works in Arkansas, Katherine Johnson, Johnson Consulting Group and Matt Klucher, Arkansas Public Service Commission</p>
12:30 pm - 2:00 pm	<b>Lunch and Posters</b>			



<p>2:00 pm - 3:30 pm</p>	<p><b>Seminar Room 9</b>  <b>Behaviours and Feedback, Catherine Cooremans, Universite de Geneve</b></p> <p>A Persuasive Case for Ex Ante Evaluation of Energy Savings Campaigns?, Caroline Wilson, Coventry University and Graeme Stuart, De Montfort University</p> <p>Reducing Domestic Energy Consumptions Thanks to ICT and Smart Technologies: Key Factors of Social Acceptance from the European Project SHOWE-IT, Kathleen Zoonekindt and Jonathan Villot, Ecole des Mines ParisTech and GDF Suez</p> <p>Are We there Yet: Building Behaviour Programmes to Serve a Purposeful Role in DSM Portfolios, Shahana Samiullah and Patrice Ignelzi, Southern California Edison</p>	<p><b>Seminar Room 10</b>  <b>Solar, Reinhard Haas, Vienna University of Technology</b></p> <p>The Economic Impact of the Clean Development Mechanism on Small-Scale Solar Portable Lanterns, Ellen De Schepper and Steven Van Passel, Hasselt University</p> <p>A Comparative Study on the Consequences and Impact of Public Policies in Favor of solar photovoltaic (PV) Development, Julie Hyun Jin YU and Nathalie Popiolek, CEA (Commissariat à l'énergie atomique et aux énergies alternatives)/ I-TESE (Institut de technico-économie des systèmes)</p> <p>The Role of Government Strategies Within an Evolving Innovation System for Solar Photovoltaics, Rainer Quitzow, Chair of Innovation Economics, Technische Universität Berlin</p>	<p><b>Seminar Room 1/2</b>  <b>Panel: Evaluating Climate Finance Programmes in Developing Countries, Julia Larkin, Ecofys and Alexandra Novikova, Institute for Climate Protection, Energy and Mobility</b></p> <p>Many countries worldwide have adopted energy efficiency and greenhouse gas emission reduction targets. To meet these targets, countries need more ambitious policy efforts and to invest more into energy efficiency and renewable capacity. This panel will address what is needed by policy makers and funders to understand and encourage climate finance requirements.</p>	
<p>3:30 pm - 4:00 pm <b>Break and Posters</b></p>				
<p>4:00 pm - 5:30 pm</p>	<p><b>Seminar Room 9</b>  <b>Evaluation of Households Thermal Performance-real vs. Estimate, Dan Staniaszek, BPIE</b></p> <p>The Shell Game: Finding Thermal Savings in Residential Retrofit Programs, Al Bartsch and Claire Danaher, West Hill Energy and Computing</p> <p>Energy Savings from Programmable Thermostats in the C&amp;I Sector, Brian Eakin and Bill Provencher, Navigant</p> <p>Evaluating Savings from Boiler Replacement, Johannes Hengstenberg, co2online gemeinnützige gGmbH and Dieter Wolff, Ostfalia University for Applied Sciences</p>	<p><b>Seminar Room 4/5</b>  <b>Transportation Evaluations, Charles Michaelis, Databuild Research and Solutions Ltd</b></p> <p>Evaluating the Impact of Standards and Fiscal Policies on CO2 Emissions of Cars in Europe, Amela Ajanovic and Reinhard Haas, Vienna University of Technology</p> <p>Assessment of Voluntary Agreement in Transport, Gregory Chedin, ADEME</p>	<p><b>Seminar Room 10</b>  <b>Involving the Community: Does It Work and How Do We Know?, John Fawcett, Databuild Research &amp; Solutions Ltd</b></p> <p>What Does Success Look Like? Evaluating Efficiency Programs with Community Organizations, Hale Forster, Research Into Action and Carley Murray, NYSERDA</p> <p>Guided Group Purchases of Energy Renovation Services and Works in Deprived Urban Neighbourhoods, Christine Ruelle and Jihad Farah, University of Liege-LEMA</p> <p>Benefits and Complications of Involving Stakeholders and Community in the Design, Implementation and Communication of Evaluations to Create Real-Time Program Improvement and Contextual Change, Mick Dalrymple and Mara DeFilippis, Arizona State University</p>	

**Thursday, 11 September 2014**

8:30 am - 9:00 am	<b>Continental Breakfast</b>			
9:00 am - 10:30 am	<p><b>Seminar Room 9</b>  <b>Making Research More Practical: Connecting Social Science, Evaluation, and Practice, Katy Janda</b>            In this session the discussants will first report on relevant findings from the Behave Conference and what the implications are or could be for the evaluation community. One major topic that will be covered is how evaluation can be combined with program, research, and policy design in such a fashion as to not limit innovation or creativity. They will also discuss what they have learned over the years in evaluating programmes and policies that have behavioural components as part of the implementation process.</p> <p>Charles Michaelis Databuild Research &amp; Solutions Ltd</p> <p>Anne Dougherty, Illume</p> <p>Sea Rotmann, Representative from the BEHAVE Conference</p>	<p><b>Seminar Room 4/5</b>  <b>Estimating Energy Efficiency Programme Baselines, Ken Tiedemann, BC Hydro</b></p> <p>Do S&amp;L Programmes Deserve a 'Robust Evaluation' Label?, John Fawcett, Databuild Research &amp; Solutions Ltd</p> <p>Are We There Yet? Determining a Baseline Using a Data-Driven Boiler Market Characterization, Jeffrey Perkins, ERS</p> <p>More is Better? Monitoring Duration and Its Impact on Precision and Accuracy for Lighting Projects Joel Pertzsch, Michaels Energy</p>	<p><b>Seminar Room 10</b>  <b>Market Transformation for Buildings, Randall Bowie, Rockwool International A/S</b></p> <p>Evaluating the Contributions of the CO2 Performance Ladder to Improved Corporate Energy Management in the Construction Industry Sector, Martijn Rietbergen, Utrecht University</p> <p>Evaluating National Building Renovation Registers, Dan Staniaszek, Buildings Performance Institute Europe</p> <p>Using Market Models to Evaluate Market Effects/Transformation of Multi-year Energy Efficiency Programs, Craig McDonald, Navigant</p>	
10:30 am -11:00	<b>Break</b>			
11:00 am - 12: 30pm	<p><b>Closing Plenary: Making Money, Jobs and a Better Future: A Big Business Panel Discussion</b>            Charles Michalis, Databuild, Moderator</p> <ul style="list-style-type: none"> <li>• Randall Bowie, Rockwool Industries—The benefits of energy efficiency in terms of job creation (manufacturing and installation) and how evaluation evidence makes the case for investment by assessing performance.</li> <li>• Torsten Fritsche, German International Cooperation (GIZ) (tbc)—multiple benefits of energy efficiency in developing countries and emerging economies</li> <li>• Kevin Cooney, Navigant Consulting—US large business perspective, making the case for investment</li> <li>• Nina Campbell: IEA</li> </ul>			