



Workshop: Policy Maker Meets the Engineer

United Nations Economic Commission for Europe

Group of Experts on Energy Efficiency

18 January 2017, Palais des Nations, Geneva

Enabling policy makers to hear and learn directly from the people who are responsible for implementing energy efficiency projects within their companies

It is estimated that widespread adoption of energy efficiency measures in global industry could reduce industrial energy use by over 25% (representing 3.9 Gigatons of CO₂). With industry today accounting for more than a third of global energy consumption and greenhouse gas (GHG) emissions, it can be seen how important energy efficiency is to helping achieve the targets of the Paris Climate Change Agreement.

The challenge remains however, on how to implement energy efficiency quickly, effectively and everywhere, in order for it to realistically play a substantial role in global GHG emissions reductions.

This workshop therefore aims to reconsider how to develop industrial energy efficiency policies through a bottom up approach, by bringing together two very different sets of stakeholders. These being key national policy makers with experience of energy efficiency policy and programmes, and people from industry who have direct experience of implementing engineering solutions for energy efficiency gains.

The objective of the workshop is that policy makers hear from those who are directly involved on the ground and who have to face the everyday corporate, financial and basic engineering barriers related to implementing widespread energy efficiency measures within a manufacturing site. Workshop outcomes will be then used to develop a set of policy recommendations that focus on effective and practical ways to improve the uptake of energy efficiency measures as an integral part of business priorities.

This UNECE workshop is an opportunity to share experiences, discuss new approaches and ideas and, above all, gain an insight into the perspectives of the key stakeholders driving the future of energy efficiency. In addition, it will also provide the opportunity to participate in the implementation of the current and future work programme of the UNECE Committee on Sustainable Energy and its Group of Experts on Energy Efficiency and help influence the content and direction of this work.

Target audience: Industry representatives (engineering and corporate management), Policy makers, financial institutions and international organizations.

Agenda

Time	Topic	Speakers
8:30	Registration	
9:00 – 9:30	<p>Welcome and introduction</p> <p><i>Introduction to the UNECE's Sustainable Energy Division and the Group of Experts on Energy Efficiency.</i></p> <p><i>Overview of the workshop's background, objectives and format for the day.</i></p>	<p>Mr. Scott Foster, Director, Sustainable Energy Division, UNECE</p> <p>Mr. Aleksandar Dukovski, Chair, UNECE Group of Experts on Energy Efficiency; Director, Energy Agency of the Republic of Macedonia</p> <p>Mr. Hannes Mac Nulty, Development Manager, Sustainable Energy Solutions, BG</p>
Session 1 – Setting the scene: Perspectives from Industry		
Moderator: Hannes Mac Nulty, BG		
9:30 – 10:50	<p>Industry:</p> <p>The challenges of practically implementing energy efficiency to achieve COP21 targets, briefly presented from the perspectives of industry and considering:</p> <ul style="list-style-type: none"> - Internal and external barriers - Dealing with regulation - Complexity of uniform solutions across large group - Effect of energy price - Financing - Success stories 	<p>Mr. Peter Jaggy, Head of Engineering, Nestle</p> <p>Mr. Zlatko Gjurchinoski, Energy Manager, Vardar Dolomit</p> <p>Mr. Bernard Mathieu, Head Sustainable Development, LafargeHolcim</p> <p>Mr. Johann Prammer, Head of Strategic Environmental Management, Voestalpine</p>
<i>Open discussion and questions from the floor</i>		
10:50 – 11:10 Coffee break		
Session 2 – Perspectives from policy makers, financial institutions and support organizations		
Moderator: Scott Foster, UNECE		
Panel discussion		
11:10 – 12:30	Customized financing solutions for investments in energy efficiency projects of industrial processes and buildings	Mr. Alexandre Rothlin, Director, Energy Efficiency Fund, Susi Partners
	Dow Jones Sustainability Index rating and energy efficiency	Ms. Rashila Kerai, Analyst, SI Research, RobecoSAM
	Can technology targeting in CO ₂ emissions of primary industry provide better results than ETS?	Mr. Günter Bramböck, Vice president for regulatory affairs in EVN AG, Austria
	Obstacles in creation of usable energy policy: implementation vs intention	Mr. Aleksandar Dukovski, Director, Energy Agency of the Republic of Macedonia
	Policy and business decision-making for energy efficiency – Are we improving or not?	Mr. William McLaughlin, International Lead EnMS Expert, UNIDO
	Multiple benefits associated with energy efficiency (TBC)	Ms. Marina Santoro, Senior Research Associate, Hochschule Luzern
	<i>Open discussion and questions from the floor</i>	
12:30-13:30 Lunch Break		

Session 3: Working together to identify workable solutions to the real barriers		
13:30 – 14:00	Outline of breakout session objectives and preparation of groups	Mr. Oleg Dzioubinski, Energy Efficiency Programme Officer, UNECE Mr. Hannes Mac Nulty, BG
14:00 – 16:00	<p>Break-out session <i>(coffee break as required by each group)</i></p> <p><i>4 groups consisting of a mix of company participants and policymaking participants. 1 group leader as well as a UNECE moderator is assigned per group.</i></p> <p><i>Overall objective: Each group is tasked with developing an agreed list of workable solution outlines for up to 5 priority barriers facing energy efficiency implementation.</i></p>	<p>Workshop participants</p> <p><i>Group moderators:</i> Ms. Stefanie Held, UNECE Mr. Oleg Dzioubinski, UNECE Mr. Hannes Mac Nulty, BG Mr. Gianluca Sambucini, UNECE</p>
Session 4: Reviewing the results of a joint effort		
Moderator: Mr. Tim Farrell, Senior Advisor, Copenhagen Centre on Energy Efficiency, Vice Chair, UNECE Group of Experts on Energy Efficiency		
16:00 – 17:00	<p>Open floor discussion on break-out session experience.</p> <p><i>Group leaders provide overview of their group's outcomes</i></p> <p><i>Open discussion on breakout session outcomes and value of workshop format</i></p>	<p>Group leaders</p> <p>Workshop participants</p>
Conclusions and follow-up		
Moderator: Mr. Aleksandar Dukovski, Chair, UNECE Group of Experts on Energy Efficiency		
17:00 – 17:30	<p>Explanation of how workshop outcomes will be used to develop key policy recommendations which will be presented at the 8th International Sustainable Energy Forum.</p> <p>Overview of proposed follow up initiatives that workshop participants are invited to remain engaged with.</p> <p><i>Short questionnaire to see if workshop had effect of changing perception of energy efficiency implementation potential</i></p>	<p>Mr. Aleksandar Dukovski, Chair, UNECE Group of Experts on Energy Efficiency</p> <p>Mr. Marco Matteini, Programme Officer, UNIDO</p> <p>Mr. Tim Farrell, Copenhagen Centre on Energy Efficiency</p> <p>Mr. Oleg Dzioubinski, UNECE</p>