

Energy Efficiency Indicators Workshop

New Challenge: Doing so much more with so much less

11 and 12 June, 2013

*IEA Headquarters, Room 1
9 Rue de la Fédération, 75015 Paris
Métro Bir-Hakeim (line 6), RER C – Champ de Mars – Tour Eiffel*

Agenda

Day 1:

8:30 – 9:00 Registration

9:00 – 9:30 **Welcome remarks**

Amb. Richard Jones, Deputy Executive Director, International Energy Agency

Objectives of the workshop

Jean-François Gagné, Head of Energy Technology Policy Division

Jean-Yves Garnier, Head of Energy Data Centre

9:30 – 12:30 Session 1: A fast growing need for more detailed indicators to understand trends: where are we? What more is required?

This session will set the context for the workshop. Recent analyses on energy efficiency potential and usefulness of indicators to support development of policies will be presented. However, most of the recent analyses have been based on the concept of energy intensity instead on robust energy efficiency indicators due to a lack of detailed energy and activity data. This session will then discuss the need for better data and indicators to support the multiple on-going initiatives to tap the full potential of energy efficiency

Chair: Jean-François Gagné, Head of Energy Technology Policy Division

Understanding and assessing the potential for energy efficiency improvements: the Efficient World Scenario of the World Energy Outlook

Marco Baroni, International Energy Agency

Robust data as a driver for policy development

Jens Laustsen, Global Buildings Performance Network

10:30 – 11h00 Coffee Break

Indicators to monitor the German Energiewende

Wolfgang Eichhammer, Fraunhofer ISI, Germany

EU policies to drive energy efficiency improvements

Gergana Miladinova, European Commission, DG ENER

Tracking the progress towards energy efficiency goals

Ashok Sarkar/Robert Tromop, World Bank/International Energy Agency

12:30 – 13:15 Lunch

13:15 – 15:45 Session 2: Recent development and progress in international data reporting and indicators development

This session will present current activities of selected organisations regarding the development and use of energy efficiency indicators to support the development of energy and efficiency policies.

Chair: Philippe Benoit, Head of Energy Efficiency and Environment Division

Data situation for IEA member countries – has it improved?

Roberta Quadrelli and Taejin Park, International Energy Agency

Benefit of collaboration: what was done, what is left to do

Didier Bosseboeuf, ODYSSEE Network

Increasing collaboration to improve data and analysis in the APEC region

Shigeru Kimura, Asia-Pacific Economic Cooperation

Development of indicators to understand efficiency potential

Amel Bida, Regional Center for Renewable Energy and Energy Efficiency

Round table discussion: how do we globalise our respective abilities?

15:45 – 16h00 Coffee Break

16:00 – 18:00 Session 3: Filling the gap and overcoming the barriers – Country experience

This session will highlight the common gaps and barriers associated with the development and use of energy indicators. Several countries will present their experiences: the gaps and barriers they have faced and how they have overcome them.

Chair: Nathalie Trudeau, Energy Analyst, Energy Technology Policy Division

New survey method in the transport sector

Adrien Montpetit, Transport Canada

Data collection for the industry sectors

Malin Blomqvist, Swedish Energy Agency

Data collection for the service sectors

Moon-Sun Choi, Korea Energy Economics Institute

Spanish experience in energy statistics in the household sector

Pilar de Arriba Segurado, IDEA, Spain

End of day 1

Day 2:

9:00 – 12:30 Session 4: Development of tools to support the development of energy efficiency indicators

This session will present selected tools that are currently being developed to support countries in their data collection effort and development of energy efficiency indicators. The feedback received on the two IEA manuals will also be discussed.

Chair: Robert Tromop, Head of Energy Efficiency Unit

Data collection for energy and activity statistics – the Energy Statistics Compiler Manual

Karen Treanton, International Energy Agency (in collaboration with the United Nations Statistics Division)

Current status of the Eurostat project on final energy consumption in household in the EU

Roeland Mertens, Eurostat

Development of quantification standards

Piet Boonekamp, ECN, Netherlands

IEA Energy Efficiency Manuals

Roberta Quadrelli/Nathalie Trudeau, International Energy Agency

11:00 – 11:30 Coffee break

Round table discussion: The IEA Manuals

12:30 – 13:30 Lunch

13:30 – 16:30 Session 5: How to raise the profile and visibility of energy efficiency indicators

This session will provide concrete example on how the profile of indicators was raised, and how indicators benefited from this higher profile. This session will be followed by a round table discussion on how to ensure the support of energy efficiency indicators through better data, better analysis and better policies. Messages to be passed to energy ministers at the IEA Ministerial Meeting of November 2013 could also be discussed.

Chair: Jean-Yves Garnier, Head of Energy Data Centre

Raising the profile of energy statistics and indicators

Duncan Millard, Department of Energy and Climate Change, United Kingdom

Developing products for high-level audience

John Appleby, Office of Energy Efficiency, Canada

Open data policy, linked open data concept

Aleksandra Arcipowska, Building Performance Institute Europe (BPIE)

Interactive data visualisation

Davide D'Ambrosio, International Energy Agency

Round table discussion

Wrap-up