IEA Energy Efficiency Policy and Digital Tools Workshop

Agenda

Wednesday 23 June, 14.00-16.00 CET

Introduction: ***Enhancing energy efficiency policy with digital tools (1400-1410)***

Dr Brian Motherway, Head of Energy Efficiency Division, the International Energy Agency

Dr Vik Pant, Chief Scientist and Chief Science Advisor, Natural Resources Canada

Session 1: ***Digital tools for data driven decision making and policy design (1410- 1500)***

Session one will discuss how digital tools such a big data and analytics can equip policy makers with a new level of energy use information that has previously been difficult and costly to obtain. Key questions to be discussed by panelists include:

- What physical and regulatory infrastructure needs to be in place to enable policy makers to take advantage of digital tools such as big data and analytics?
- How can risks around cyber security, privacy and consumer acceptance best be managed?

Dr Vik Pant, Chief Scientist and Chief Science Advisor, Natural Resources Canada

Ms Yujuan Xia, China National Institute of Standarisation

Mr Gabriel Prudencio Flaño, Head of Sustainable Energies Division, Ministry of Energy, Government of Chile

Ms Rebecca Knights, Director, Energy Policy and Programs and Department for Energy and Mining, Government of South Australia)

Ms Hanna Grene, Director of Energy, Americas, Microsoft

Mr Matt Golden, Chief Executive Officer, Recurve

Panel Discussion: (20 mins) moderated by **Dr Nicholas Howarth,** Energy Policy Analyst, IEA

Session 2: ***Enhancing policy implementation and monitoring with digital tools through improved communication and connectivity (1500-1550)***

Session two will discuss how digital tools such as app based and online platforms can enhance program monitoring and delivery and enable stronger of communication and connectivity with energy users and stakeholders. Key questions to be discussed include:

- How can digital technologies help with the data and programme delivery challenges around energy efficiency?
- What is the role of stakeholders in the energy policy ecosystem such as utilities, IT companies and ESCOs?

Dr Ashok Sarkar, Senior Energy Specialist and Task Team Leader – Energy Efficiency Projects, The World Bank Group

Dr Ronita Bardhan, Assistant Professor of Sustainability in Built Environment, Leader Sustainable Design Group, University of Cambridge

Prof Tadj Oreszczyn, Director, Smart Energy Research Lab, University College London

Mr Ian Maddock, Co-Founder and Chief Revenue Officer, MyHeat

Dr Domenico Palladino, Energy Efficiency Division, National Agency for New Technologies, Energy and Sustainable Economic Development, Government of Italy

Panel Discussion: (20 mins) moderated by **Dr Nicholas Howarth,** Energy Policy Analyst, IEA

Summary and next steps: Better Energy Efficiency Policy with Digital Tools (1550-1600)

Ms Vida Rozite, Energy Policy Analyst, the International Energy Agency (IEA) (10 mins)