
Role of Appliance Efficiency Programmes in Intended Nationally Determined Contributions

SEAD Policy Exchange Forum - Webinar Overview
27 October 2016 12:00-14:00 UTC

Energy efficiency policies and programmes for products offer huge potential towards reducing energy use and carbon emissions globally. When properly executed and implemented, they can serve as incredibly resource efficient and cost-effective tools for policymakers, industry and civil society to achieve their climate goals. By sharing noteworthy examples and lessons learned throughout the energy efficiency community, successes can be replicated and missteps avoided. The G20 Energy Efficiency Leading Programme aims to achieve this, through the new “Energy Efficiency Leading Programme Product Best Practice Policy Exchange Series”. This internationally focused dialogue exchange is a collaborative effort supported by the [Super-efficient Equipment and Appliance Deployment \(SEAD\) Initiative](#), the [International Energy Agency \(IEA\)](#) and the [Energy Efficient End-Use Equipment \(4E\) Technology Collaboration Programme](#). Experts from across G20 economies and beyond will share their experiences through a series of virtual and face-to-face workshops hosted by SEAD and IEA 4E.

The first of these virtual meetings, hosted by the SEAD Policy Exchange Forum (SPEx), will focus on the role of appliance efficiency programmes in Intended Nationally Determined Contributions (INDC) among the signatories of the historical Paris Agreement. Participants on the call will review the INDC commitments in major economies around the world and discuss how appliance energy efficiency can help policy makers to reach their national INDC goals.

The international Energy Agency (IEA) will provide an overview of the global status of energy efficiency and INDC commitments based on its recently published 2016 [Energy Efficiency Market Report](#). Three case studies will then be presented highlighting experiences of integrating appliance energy efficiency in INDC commitments. Finally, participants will discuss key questions related to the importance of appliance energy efficiency programs in meeting the INDC targets.

The first of the case studies will examine the most recent development in China’s energy efficiency programs and how these interventions are aligned with its national goal of emission reduction. The Directorate General for Energy Efficiency of Peru will then provide an overview of Peru’s Energy Efficiency National Appropriate Mitigation Action (NAMA) and to discuss how product energy efficiency helps Peru to meet its INDC goals. Finally, the Institute for Trade of Vietnam will share Vietnam’s experience to support appliance energy efficiency from government perspective, and to discuss the achievement, barriers and challenges of appliance energy efficiency programs.

Policymakers will share their national experiences on some of the key questions addressing appliance energy efficiency and INDC commitments:

- What are the key INDC commitments, emission targets and mitigation actions?
- Why is appliance energy efficiency a priority in INDC commitments and climate strategies?
- What are the estimated impacts of appliance energy efficiency on the overall emission targets?
- What are the challenges and lessons learned for integrating appliance energy efficiency in INDCs and maximising effectiveness?
- Are there any opportunities or needs for support, assistance or collaboration from the international community?

To support discussions, participants are encouraged to consider the following issues:

- **Appliance Energy Efficiency as part of INDC Commitments:** It has been demonstrated repeatedly over the past several decades that appliance energy efficiency is one of the most cost-effective policy tools in reducing energy use and carbon emissions, and therefore, it should be an integral part of any climate strategies. Is appliance EE a part of your country's INDC commitments? Why is appliance EE a priority (or not a priority) for your country? Are there any additional opportunities to improve the appliance energy efficiency programs to further increase the INDC commitments?
- **Impact of Appliance Energy Efficiency on Reaching INDC Goals:** Evaluation of appliance energy efficiency programs is very important for policy makers to quantify the impact of the programs and to adjust policy approaches accordingly. What is the overall emission reduction goal expressed in your country's INDC? Is appliance energy efficiency a significant contributor to the national INDC goals? How to effectively and accurately track the impact of appliance EE?
- **Challenges in integrating Appliance EE in INDC:** In some cases there is a communication gap between policy makers responsible for climate change and those responsible for appliance energy efficiency policies, and as a result, the INDCs did not include appliance energy efficiency which could contribute significantly to the overall national goals. Therefore, national governments need to take a holistic approach in developing climate change strategies to ensure appliance EE is a part of the strategy. Is your country facing similar challenges and how these challenges are addressed?

Participants will have the opportunity to ask questions and engage in discussions with policymakers and experts from around the globe.

More information on the SPEX and how to participate can be found on the SEAD website at: <http://www.superefficient.org/spex>