



ASEAN-IEA Webinar: Improving Compliance for Cooling Products in Southeast Asia

Hosted by: ASEAN Centre for Energy

Organised by: International Energy Agency, the ASEAN Centre for Energy and the ASEAN Secretariat.

With support from: ASEAN-Australia Development Cooperation Program Phase II (AADCP II)

30 April 2021

09:00 – 10:30 CEST

13:30 – 15:00 Nay Pyi Taw

14:00 – 15:30 Bangkok, Hanoi, Jakarta, Phnom Penh, Vientiane

15:00 – 16:30 Bandar Seri Begawan, Kuala Lumpur, Manila, Singapore

Registration link: <https://attendee.gotowebinar.com/register/1205594023636266256>

Introduction

Energy efficiency can play a key role in enabling a sustainable and clean energy future for ASEAN Member States while fuelling economic growth, job creation and enhancing peoples' standard of living, while avoiding a dramatic increase in energy demand.

In 2019, ASEAN's buildings sector accounted for 23% of final energy use and 24% of energy-related carbon dioxide (CO₂) emissions, excluding emissions from manufacturing building materials (IEA, 2020). In new and existing buildings, energy-consuming lighting, appliances and equipment systems commonly have a shorter lifetime than the buildings themselves and offer significant opportunity to reduce emissions. Space cooling is the fastest-growing energy use in buildings globally and in Southeast Asia, with electricity use for cooling in buildings across the region increasing 7.5 times from 1990 to 2017 and is set to increase.

Proven energy efficiency policy options for appliances and equipment, including minimum energy performance standards (MEPS), product energy efficiency labelling, and incentive programmes have the potential to reduce peak demand, improve energy security, reduce carbon emissions and consumer bills. To ensure the effectiveness of such programmes, Governments should ensure that robust compliance efforts form part of their regulatory programmes. These programmes help to ensure products meet consumer expectations, provide a fair and competitive market for industry and work to safeguards the integrity of the government programmes.

This Webinar will explore best practice for designing and implementing appliance compliance programmes and will feature a particular focus on cooling products.

Roadmaps Towards Sustainable and Energy Efficient Buildings and Cooling in ASEAN

This Webinar is part of a collaborative project between the IEA and the ASEAN Member States through the Energy Efficiency and Energy Conservation Sub Sector Network, the ASEAN Secretariat and the ASEAN Centre for Energy and is supported by the ASEAN-Australia Development Cooperation Program Phase II (AADCP II) to develop regional roadmaps for buildings and space cooling. This event aims to bring together expert policy makers, compliance experts, academics, and engineers, as well as industry representatives from across Southeast Asia to share their knowledge and experience on energy efficiency compliance. Their expertise will be invaluable to inform the roadmap process.

Agenda

TIME (Jakarta)	ACTIVITIES
14:00 – 14:05	<p>Introduction and Webinar Overview Dr. Zulfikar Yurnaidi, Senior Officer, ASEAN Centre for Energy</p> <ul style="list-style-type: none"> • <i>Intro to the project, how it is aligned with APAEC, its EE target, OBS and Action Plan</i> • <i>Amid on-going progress in standard & labelling and other regulatory frameworks (registration system, testing, incentives), the role of compliance (Monitoring, Verification and Enforcement) is critical to ensure optimum implementation of EE policies and measures.</i> • <i>Intro of today's webinar (follow up from the previous Workshop) – expect a lot of discussions, encourage active participation</i>
14:05 – 15:25	<p>Moderator: Ms. Melanie Slade, Senior Programme Manager, Energy Efficiency in Emerging Economies Programme, International Energy Agency</p> <p>Panellists:</p> <ol style="list-style-type: none"> 1. Ms. Neha Dhingra, Manager, CLASP 2. Ms. Hafiza Yob, Senior Assistant Director, Energy Commission of Malaysia 3. Mr. Rizky Aditya Putra, APAEC Department, ASEAN Centre for Energy 4. Ms. Madeleine Edl, Energy Efficiency Specialist, UNEP-U4E <p>10-minute presentations each, followed by a Q&A Session.</p>
15:25 – 15:30	<p>Webinar Closing Remarks Dr. Zulfikar Yurnaidi, Senior Officer, ASEAN Centre for Energy</p> <ul style="list-style-type: none"> • <i>Summary of the discussions</i> • <i>Compliance should be key aspect to the regional cooling roadmap. Within that, the building of proper capacity, institutional framework, and infrastructure should be integrated with other activities.</i> • <i>Overall plan of the project moving forward</i> • <i>Survey</i>
15:30	End of Webinar



Ms. Neha Dhingra,
Manager,
CLASP

Neha leads management of India program, including the development and execution of program activities. She provides technical and programmatic support to CLASP's projects on appliance energy efficiency in India and globally. Ms. Dhingra has over 10 years of successful program development, implementation & management experience in India, South East Asia and West Africa. Her areas of expertise include program design and implementation, project management, policy and regulatory analysis, partnership development and contract development.



Ms. Hafiza Yob,
Senior Assistant
Director, Energy
Commission of
Malaysia

Graduated from University Technology of Malaysia in Bachelor (Eng) Electrical Engineering. Have 19 years experience with Energy Commission of Malaysia and 10 over years in Energy Efficiency area in particular.

Participated most of the energy efficiency programme for ASEAN. Chaired a lot of working groups for projects including Harmonizations for test method and MEPS for air conditioner, CSPF Projects, Products Registration Systems and National Lighting Roadmaps, ASEAN EE MRA for Energy Efficiency and many more.

Experienced as Board of Judges for ASEAN Energy Awards and involved in developing the judging criteria.



**Mr. Rizky Aditya
Putra,**
Senior Officer of
APAEC Department,
ACE

Mr. Rizky Aditya Putra is currently working at the Jakarta-based ASEAN Centre for Energy (ACE) as Senior Officer of the ASEAN Plan of Action for Energy Cooperation (APAEC) Programme.

His role is to coordinate and facilitate the implementation of the APAEC 2016-2025 in cooperation with the ASEAN Member States, ASEAN energy bodies, Dialogue Partners and International Organizations. The APAEC consists of seven (7) programme areas, namely: ASEAN Power Grid, Trans-ASEAN Gas Pipeline, Coal and Clean Coal Technology, Energy

Efficiency and Conservation, Renewable Energy, Regional Energy Policy and Planning, and Civilian Nuclear energy.

He obtained his Master-Degree in Oil and Gas Enterprise Management from the University of Aberdeen, United Kingdom in 2017.



Ms. Madeleine Edl,
Energy Efficiency
Specialist,
UNEP-U4E

Madeleine Edl coordinates within UNEP-U4E regional projects on energy efficient lighting, cooling and appliances and supports the development of several tools and resources. Within this context, she has been also part of the development of the regional product database in ASEAN, which is being developed together with ACE. Madeleine has previously worked on providing technical assistance to a regional body in the context of securing the energy supply in the West African region.