

**The 61st Meeting of APEC Expert Group on Energy Efficiency & Conservation and  
59th Meeting of APEC Expert Group on New and Renewable Energy Technology**

*"Reinforcing Relevant Laws for a Comprehensive Approach to Energy Efficiency and Conservation,  
Renewable Energy, Electric Vehicle, and Sustainability in the APEC Region"*

# SUMMARY OF EGEEC PROJECTS UPDATE VIET NAM

17 - 18 October 2023

Makati City, Metro Manila, Philippines



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# **EWG 01 2022A - APEC WORKSHOP ON SHARING EXPERIENCES IN DEVELOPING MINIMUM ENERGY PERFORMANCE STANDARDS (MEPS) TO REDUCE ELECTRICITY CONSUMPTION IN INDUSTRIAL PRODUCTION**

17 – 18 October 2023  
Makati City, Metro Manila, Philippines





Asia-Pacific  
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REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF ENERGY



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## APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEPS) To Reduce Electricity Consumption In Industrial Production (29-30 June, 2023, Ha Noi, Viet Nam)

### TIME AND DATE

On 29-30 June 2023, the APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEPS) To Reduce Electricity Consumption In Industrial Production, initiated by Viet Nam and co-sponsored by Australia, Hong Kong, China, Chinese Taipei, USA, Japan, was held in hybrid mode

- Speakers and participants came from energy-related international organizations and research institutions and APEC member economies' relevant Ministries and government's agencies, companies and business associations.

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## **APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEPS) To Reduce Electricity Consumption In Industrial Production (29-30 June, 2023, Ha Noi, Viet Nam)**

### **OBJECTIVE**

- Help economies and stakeholders to share information and experiences on developing Minimum Energy Performance Standards (MEPS) in order to improve the energy efficiency in industrial production of APEC economies

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## **APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEPS) To Reduce Electricity Consumption In Industrial Production (29-30 June, 2023, Ha Noi, Viet Nam)**

### **III. KEY ISSUES**

#### **1. Overview On Minimum Energy Performance Standards**

Speaker discussed energy efficiency, with a focus on commercial/industrial building system and energy use labelling for appliances and machinery.

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### **III. KEY ISSUES**

#### **2. Costs And Benefits Of Employing MEPS To Reduce Electricity Consumption In Industrial Production**

One speaker from Thailand discussed about 6 pointed: Energy Efficiency Standard and Labeling; Process of MEPS, High Energy Performance Standard (HEPS); MEPS in Thailand; Preliminary assessment of cost saving by MEPS in ASEAN; Current MEPS deployment; MEPS challenge in the future.

Another speaker from Chinese Taipei introduced briefly about electricity consumption in 2021 and the targets on energy-saving products; measures to conduct energy efficiency management.

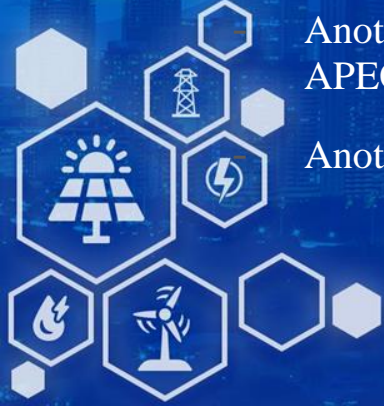
## **APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEPS) To Reduce Electricity Consumption In Industrial Production (29-30 June, 2023, Ha Noi, Viet Nam)**

### **III. KEY ISSUES**

#### **3. MEPS And Mandatory Energy (Efficiency) Labelling Scheme**

- One speaker from Hong Kong, China shared some information about the Climate Action Plan 2050 and background of MEELS (Mandatory Energy Efficiency Labelling Scheme) in Hong Kong, China.
- Another speaker mentioned about the linkages between MEPS and MELS in the APEC region and the role of MEPS and MELS in driving market transformation.
- Another speaker mentioned about Energy Labelling Program in Viet Nam.

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### **III. KEY ISSUES**

#### **4. Case Studies In Some APEC Member Economies**

- One speaker from New Zealand introduced about the developing MEPS - Trans-Tasman collaboration Equipment Energy Efficiency Program (E3).
- Another speaker from USA talked about the industrial de-carbonization pillars that includes: energy efficiency; industrial electrification; low-carbon fuels, feed stocks, and energy sources; carbon capture, utilization, and Storage.
- Speaker from Chinese Taipei shared some experiences in project management for MEPS execution and promotion.

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### **III. KEY ISSUES**

#### **5. Recommendations**

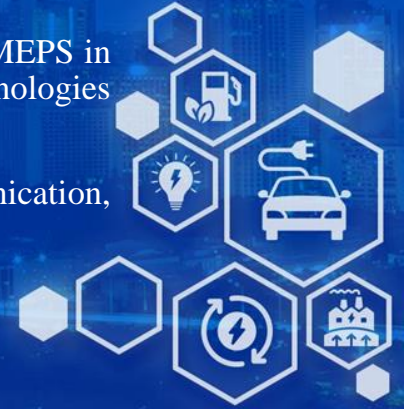
##### **Take-aways:**

- The participants from different economies noticed more or less the same challenges across economies in terms of how to achieve greater energy efficiency in the domestic industrial sector, how to reduce greenhouse gas emissions and transit to advanced technology for better productivity and emission reduction.

The participants shared and were shared with the best practices in implementation of MEPS in specific economies and received the updated information on new standards and technologies on MEPS.

The participants wanted to learn more about the issues related to market communication, industrial production, specific models to improve energy efficiency

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### **III. KEY ISSUES**

#### **5. Recommendations to APEC and member economies**

- To improve implementation of MEPS, it is proposed to engage more participants from the private sector, and the consumers in discussions and dialogues related to the development and implementation of indices, standards and tools.

- It is suggested to make information related to the on-going MEPS and related projects in the economies more accessible and open to the public

It is very useful to provide technical assistance on how to develop frameworks for MEPS development and implementation in industrial production and home consumption.

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## **APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEPS) To Reduce Electricity Consumption In Industrial Production (29-30 June, 2023, Ha Noi, Viet Nam)**

*Find more details in the Summary Report of APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEPS) To Reduce Electricity Consumption In Industrial Production.*

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ENERGY UTILIZATION MANAGEMENT BUREAU

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# EWG 08 2022A - APEC WORKSHOP ON SUSTAINABLE ENERGY TRANSITION: OPPORTUNITIES AND CHALLENGES

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**EWG 08 2022A - APEC WORKSHOP ON SUSTAINABLE ENERGY TRANSITION: OPPORTUNITIES AND CHALLENGES  
(23-24 November, 2023, Ha Noi, Viet Nam)**

- Time and Date: The Workshop will be held on 23-24 November 2023, in Ha Noi, Viet Nam
- Proposing economy: Viet Nam
- Co-sponsoring economies: China; Hong Kong, China; Chinese Taipei; Thailand; USA

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**EWG 08 2022A - APEC WORKSHOP ON SUSTAINABLE ENERGY TRANSITION: OPPORTUNITIES AND CHALLENGES  
(23-24 November, 2023, Ha Noi, Viet Nam)**

Objective: The Workshop aims at providing an opportunity for stakeholders from APEC and non-APEC member economies to share about opportunities and challenges on energy transition towards a low carbon economy.

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(23-24 November, 2023, Ha Noi, Viet Nam)**

- In this meeting, we would like to call for the nomination of participants from APEC economies to participate in our Workshop. All 21 APEC member economies are invited to attend and to actively participate in the Workshop. Two active participants from each of the APEC travel-eligible economies will be funded by APEC.

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# **EWG 01 2023A - APEC WORKSHOP ON PROMOTING TECHNOLOGY TO CONTRIBUTE TO SUSTAINABLE ENERGY TRANSITION**

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### EWG 01 2023A - APEC WORKSHOP ON PROMOTING TECHNOLOGY TO CONTRIBUTE TO SUSTAINABLE ENERGY TRANSITION

- At this moment, we have submitted the Project Proposal into APAS system. We expect to work with the PMU with the Quality Assessment Framework (QAF) to improve the PP in the coming time. We hope that the PP will be finalized soon and we would like to update you of our planning for implementation soonest possible in the coming time.

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# EWG 02 2023A - APEC WORKSHOP ON PROMOTING SUSTAINABLE ENERGY FOR SMALL FARMERS TOWARDS CLIMATE FRIENDLY AGRI-FOOD VALUE CHAINS

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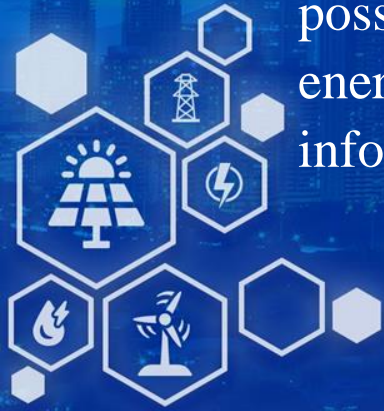
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### EWG 02 2023A - APEC WORKSHOP ON PROMOTING SUSTAINABLE ENERGY FOR SMALL FARMERS TOWARDS CLIMATE FRIENDLY AGRI-FOOD VALUE CHAINS

- Objective: This project aims to provide capacity building for member economies, especially developing ones in how to figure out practical approaches in implementation and possible cooperation areas to enhance adoption of sustainable energy for agri-food values chains through sharing information, experiences, best practices and case studies.

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### EWG 02 2023A - APEC WORKSHOP ON PROMOTING SUSTAINABLE ENERGY FOR SMALL FARMERS TOWARDS CLIMATE FRIENDLY AGRI-FOOD VALUE CHAINS

- Received the approval from the APEC Secretariat to implement this project.
- Planning to hold the workshop in around April of next year 2024.
- During implementation, we would like to receive your comments, advice, and cooperation if possible for a high quality implementation of this project.

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# **APEC WORKSHOP ON PROMOTING DIGITAL TRANSFORMATION FOR ENERGY EFFICIENCY**

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### APEC WORKSHOP ON PROMOTING DIGITAL TRANSFORMATION FOR ENERGY EFFICIENCY

- Viet Nam has proposed a concept note entitled “APEC Workshop on Promoting Digital Transformation for Energy Efficiency”. Thanks to the big support from EWG member economies, our project was successfully endorsed and approved by member economies to implement in the coming time.

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### APEC WORKSHOP ON PROMOTING DIGITAL TRANSFORMATION FOR ENERGY EFFICIENCY

- Objectives: aims to provide capacity building to APEC member economies' governments, especially developing ones through sharing information, experiences in addressing challenges, implementing digital transformation in energy sector, in the interest of energy efficiency.

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### APEC WORKSHOP ON PROMOTING DIGITAL TRANSFORMATION FOR ENERGY EFFICIENCY

- Submitted the full project proposal (PP) on the APAS system.
- We expect to work with the PMU with the Quality Assessment Framework (QAF) to improve the PP in the coming time.

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# THANK YOU SO MUCH FOR YOUR CONTRIBUTION AND SUPPORT

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