

EGEEEC 64 Outcome

The 64th Meeting of APEC Expert Group on Energy Efficiency & Conservation (EGEEEC 64)



Participating Economies and Organisations

Economies (9):

Canada, China, Hongkong China, Indonesia, Korea, Malaysia, Philippines, Chinese Taipei, Thailand

APEC fora (3):

APEREC; APSEC; EWG Secretariat;

Non-APEC Organisation (3):

Collaborative Labeling and Appliance Standards Program (CLASP)

Video (2): Energy Efficiency Hub (EE Hub); UN Environment Program(UNEP)

Presentations

Invited presentations (3):

- Collaborative Labeling and Appliance Standards Program (CLASP)
- United Nations Environment Programme (UNEP)
- Energy efficiency Hub (EE Hub)

Projects updates and Concept Note Presentations (3):

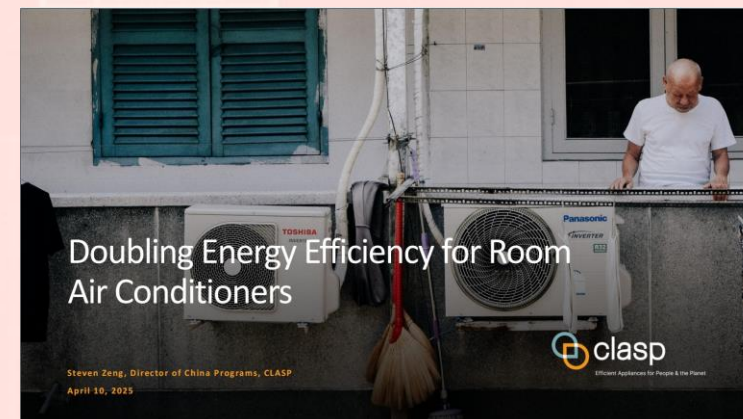
- Projects updates (3): APERC, HongKong China, Chinese Taipei.
- **Members are encouraged to proposed new concept note in session 2, 2025.**

Cross Fora and Organisations Cooperation

Collaborative Labelling and Appliance Standards Program (CLASP)

- CLASP shared its report on the importance and pathways for improving the energy efficiency of appliances, particularly room air conditioners (RACs). China has made significant progress in improving air conditioner efficiency, and countries worldwide need to strengthen policies, standards, and incentives to accelerate global appliance energy efficiency improvements and move towards a more sustainable future.

EGEEEC Members are encouraged to explore cooperation opportunities with CLASP on improving energy efficiency of appliances and equipment and reduce emissions through knowledge sharing and APEC Project collaboration.



Cross Fora and Organisations Cooperation

United Nations Environment Programme (UNEP)

- UNEP shared UNEP efforts to promote district energy systems in emerging economies, specifically district heating and cooling systems, since 2014. UNEP highlights the importance of district heating and cooling systems in addressing global energy challenges, particularly in developing regions. and shared the expertises that how to implement direct energy systems.

EGEEEC Members should realize the critical role of district energy systems in achieving sustainable development goals, and are encouraged to cooperate with UNEP to explore how to implement district energy system.



Cross Fora and Organisations Cooperation

Energy Efficiency Hub (EE Hub)

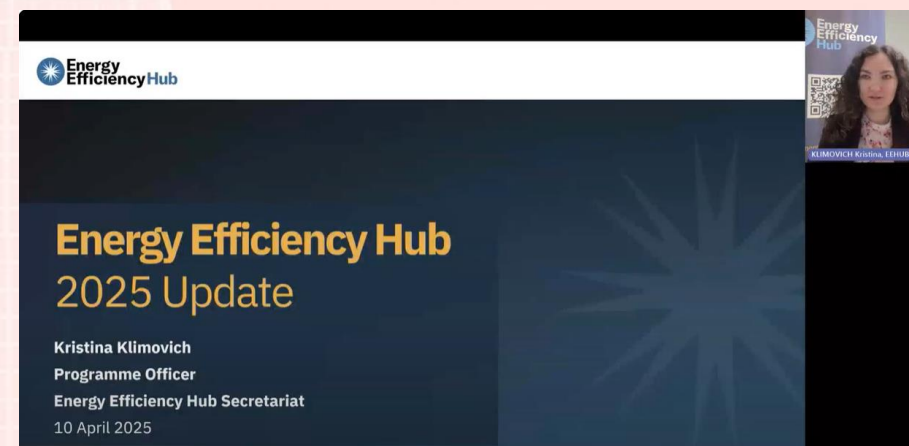
Introduce the Energy Efficiency Hub mission, member and the four task groups(DWG, SEAD, TOP -TENs,EEB).

Introduce the latest work and of TGs:

1. Digitalisation Working Group (DWG) - lead by China
2. Super-Efficiency Equipment & Appliance Deployment Initiative (SEAD) - lead by UK
3. Top Ten Energy Efficiency Best Available Technologies and Practices (TOP-TENs) - lead by China
4. Energy Efficiency in Buildings (EEB) - lead by EU and German

Upcoming events:

1. Online event: energy footprint and sustainability on data centers
2. Webinar series: Financing Building Energy Retrofits



Project update

- **Capacity Building Workshop for Energy Efficiency and Conservation Policy (EWG_205_2024A)**
 - main objective of the project is to develop policies addressing issues on energy efficiency and conservation. Share best practices of the selected case. Propose new ideas to improve energy efficiency
- APERC shared the capacity building workshop for energy efficiency and conservation policy, a potential to showcase the members economies implementation of MEPS in the building sector.
- next workshop will be alongside EGEEEC65



Project update

- **Electric Fans Energy Efficiency Improvement in APEC Region: Review of Experience and Best Practices (EWG_206_2024A)**
 - focus on Electric Fans, main objective of the project is to Assess energy efficiency management and policies, investigate strategies for increasing the market share, Examine current energy-saving technologies
- Chinese Taipei Review energy efficiency and testing standards for electric fans in south east asia to guide policy.
- will hold one-day workshop alongside with EGEEEC65/67.



Asia-Pacific
Economic Cooperation

The 64th Meeting of the APEC Expert Group on Energy Efficiency & Conservation (EGEEEC 64)

On-going Projects (Session 2, 2024)

Electric Fans Energy Efficiency Improvement in APEC Region: Review of Experience and Best Practices
EWG_206_2024A

Co-sponsoring economies:
Japan, Korea, Thailand, Viet Nam

Chinese Taipei
10 April 2025 @ HKC



經濟部能源署
Energy Administration
Energy Efficiency & Conservation

Concept Note

- APEC Practical Training on District Cooling and Heating Systems (DCHS)
- HongKong China give the brief introduction on concept note, which aims to aim to enhance the capabilities of APEC member economies through hand-on training in district cooling and heating systems design and operation.



Chair Presentation

- **Integrated District Energy System (IDES) - Transition from individual to system efficiency**
 - Chair report focuses on the concept of Integrated District Energy Systems (IDES), which aim to transition from individual to system-wide energy efficiency. IDES combines energy efficiency improvements with renewable energy integration, reducing reliance on fossil fuels and achieving significant energy savings.
 - Chair also discusses global initiatives on IDES, including the development of international standards by the International Organization for Standardization (ISO), with contributions from experts across various countries and organizations.



EGEEC Governance Issues

- The selection of EGEEC Chair and Vice Chair for the term July 2025 to June 2027 were held at the EGEEC 64 meeting.
- Participating members have consensus on the selection result.

EGEEC Chair: Dr Liu Meng China

EGEEC Vice-chair: Ms CHEUNG Man Chit Jovian Hong Kong, China

- The selection results would circulate to EGEEC members for official endorsement by 17 April 2025.

EGEEEC upcoming meeting

- **2025: EGEEEC 65**
 - **Korea** will organise the EGEEEC and EGNRET joint meetings and related workshops in the second half of 2025.
- **2026: EGEEEC66**
 - **Thailand**, will hold the 66th EGEEEC meeting in the 1st half of 2026.

THANK YOU