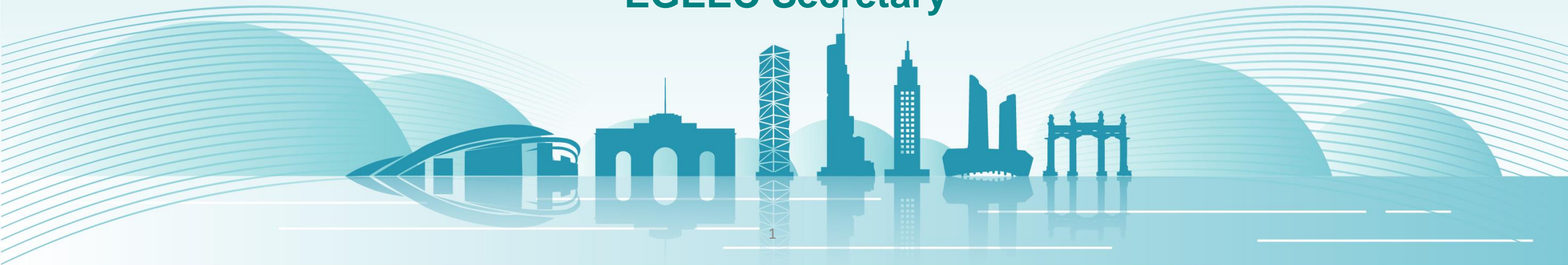


EGEEC 62 Outcomes

The 62nd Meeting of APEC Expert Group on Energy Efficiency & Conservation
(EGEE&C 62)

May 23, 2024

EGEEC Secretary



The EGEEC 62 meeting

- The EGEEC62 meeting was hosted by Nanjing, China from 21 to 23 May 2024.
- Meeting Theme is “From the supply side to demand side, utilisation of clean energy and energy efficiency in realising energy transition”.
- APERC Workshop on “Stocktaking Challenges and Opportunities for Energy Transition towards Decarbonization both in Energy Demand and Supply sides” was co-organised by APERC and CNIS on 20 May 2024 in Nanjing, China.
- One-day Technical Visit was organised by Nanjing, China on 22 May 2024.



The EGEEC 62 meeting

Participating Economies and Organisations

Economies (11):

- China; Hong Kong, China; Japan; Korea; Malaysia; Russia; Singapore; Chinese Taipei; Thailand; The United States; Viet Nam.

APEC fora (6):

- APEC Secretariat; APERC; APSEC; EGEDA; EGCFE.
- Video(1): EWG Secretariat.

Non-APEC Organizations (4):

- Collaborative Labeling and Appliance Standards Program (CLASP); Energy Foundation China (EFC).
- Video (2): International Energy Agency(IEA); Energy Efficiency Hub (EE Hub) .



Presentations

Cross-fora updates (6) :

- APEC Secretariat; EWG Secretariat; APERC; APSEC; EGEDA; and EGCFE.

Invited presentations (4):

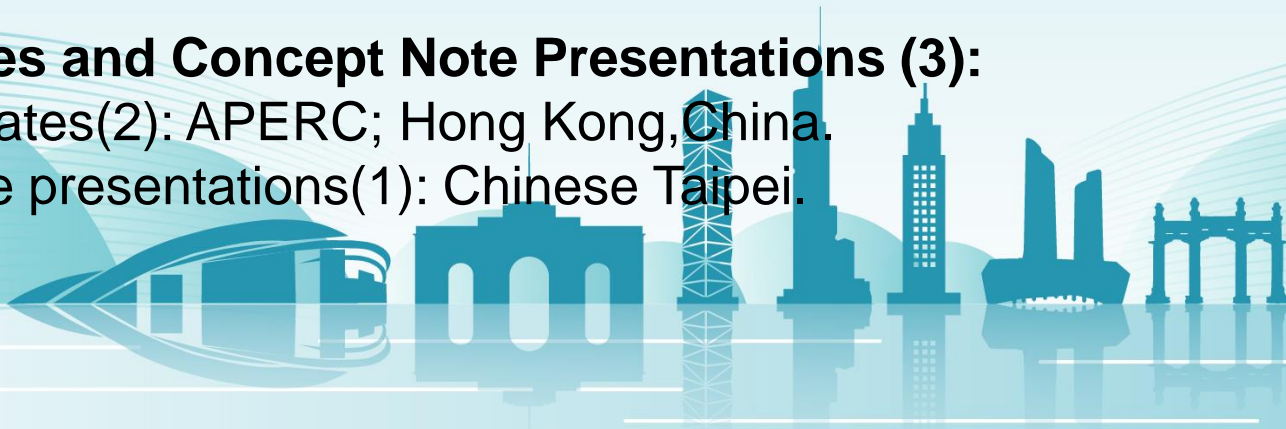
- International Energy Agency (IEA); Energy Efficiency Hub (EE Hub); Collaborative Labeling and Appliance Standards Program (CLASP) and Energy Foundation China (EFC).

Economies updates (11):

- China; Hong Kong, China; Japan; Korea; Malaysia; Russia; Singapore Chinese Taipei; Thailand; The United States; Viet Nam.

Projects updates and Concept Note Presentations (3):

- Projects updates(2): APERC; Hong Kong, China.
- Concept note presentations(1): Chinese Taipei.



EEC-related APEC Projects (as of Jan 2024)

Description	No. of Projects	Remarks
APEC Funded Projects under Implementation	12	5 projects (2023) 5 projects (2022) 2 projects (2021)
Completed APEC Funded Projects	4	1 project (2020) 1 project (2021) 2 projects (2022)
Self-funded Projects	7	2 projects (2023) 2 projects (2022) 3 projects (2021)
Concept Notes (Session 2, 2023)	4	

On-going Projects (1)

APEC Project Title		Proposing Economy	Project No.
1	APEC Virtual Workshop Training of Trainers on the Multi-Stakeholder Dialogue approach to developing Data Driven, Carbon Neutral and Disaster Resilient Cities in the APEC region	China	EWG 04 2022A
2	APEC Retro-Commissioning (RCx) Hub: Training and Registration	Hong Kong, China	EWG 07 2022A
3	Workshop and Capacity Building for Food Industry in Energy Efficiency	Indonesia	EWG 03 2021A
4	APEC Peer Review on Energy Efficiency (PREE) Phase 13	Japan	EWG 202 2023A
5	APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEP) To Reduce Electricity Consumption In Industrial Production	Viet Nam	EWG 01 2022A
6	APEC Workshop on Sharing Best Practices in Developing ESCO Models for Energy Efficiency	Viet Nam	EWG 11 2021A

On-going Projects (2)

APEC Project Title		Proposing Economy	Project No.
7	APEC Workshop on Sustainable Energy Transition: Opportunities and Challenges	Viet Nam	EWG 08 2022A
8	APEC Workshop on Promoting Technology to Contribute to Sustainable Energy Transition	Viet Nam	EWG 01 2023A
9	APEC Workshop on promoting sustainable energy for small farmers towards climate friendly agri value chains	Viet Nam	EWG 02 2023A
10	APEC Workshop on Promoting Digital Transformation for Energy Efficiency	Viet Nam	EWG 204 2023A
11	Routes for integrating the Energy and Transport Sectors for Sustainable	United States	EWG 02 2022A
12	Driving Trade & Investment for DC Power Systems and Microgrid Frameworks Through Public Policy Alignment	United States	EWG 208 2023A



Completed Project

APEC Project Title		Proposing Economy	Project No.
1	APEC Youngsters Forum: Raising Awareness on Energy Conservation and Energy Efficiency among High School Teachers and Students in the Asia- Pacific Region	Indonesia	EWG 12 2020A
2	APEC Peer Review on Energy Efficiency (PREE) Phase 12	Japan	EWG 06 2022A
3	Promoting Energy Modelling in APEC Region	Hong Kong, China	EWG 05 2022A
4	APEC Workshop Furthering University Collaboration to Support Data Gathering and Analysis in Energy Efficiency, Renewable Energy, and Energy Resiliency	United States	EWG 12 2021A



Self-funded Projects

	APEC Project Title	Proposing Economy	Project No.
1	Research on means to overcome the shortage of basic urban energy-climate data - APEC CNSC Workshop held on 16 Sept 2021	China	EWG 04 2021S
2	Research on means to diminish the financing gap for sustainable urban energy - 6th APEC Workshop on Sustainable Cities held on 9 Dec 2021 on Green Finance for Sustainable Urban Energy	China	EWG 09 2021S
3	APEC Energy Forum 2022	China	EWG 04 2022S
4	Research on Energy Strategies driving APEC Cities through the Low-Carbon Transition	China	EWG 01 2023S
5	20th APEC Workshop on Energy Statistics (APEC-IEA Joint Training Workshop on Energy Efficiency Indicators Part II)	Japan	EWG 02 2022S
6	Promoting Net Zero or Carbon Neutral Commitments in APEC	United States	EWG 07 2021S
7	Microgrids for a Just Energy Transition	United States	EWG 04 2023S

Concept Notes (Session 2, 2023)

APEC Project Title		Proposing Economy	Status
1	APEC Peer Review on Energy Efficiency (PREE) Phase 13	Japan	Project in Implementation
2	APEC Workshop on Promoting Digital Transformation for Energy Efficiency	Viet Nam	Project in Implementation
3	Driving Trade & Investment for DC Power Systems and Microgrid Frameworks Through Public Policy Alignment	United States	Project in Implementation
4	Promoting Energy Efficiency Enhancement in Electricity Generation	Hong Kong, China	PP endorsed by EWG



Cross Fora and Organisations Cooperation

International Energy Agency (IEA)

- IEA introduced the Energy Efficiency Doubling goal and the roadmaps achieving this goal.
- IEA updated its energy efficiency policy package.
- IEA shared its regional work on energy efficiency in different economies, including research and analysis, capacity building, etc.
- The report of “The Future of Heat Pumps in China” was released by IEA and Tsinghua University, which analysis.
- IEA shared its training resources.
- The IEA 9TH Annual Global Conference on Energy Efficiency was held during May 21-22, 2023 in Nairobi, Kenya, where the focus was shifted to implementation and action on realizing the global energy efficiency doubling ambition.
- EGEE&C Members are encouraged to participate in the IEA activities and explore APEC project collaboration.



Cross Fora and Organisations Cooperation

Energy Efficiency Hub (EE Hub)

- Dr Tudor Constantinescu was selected as the new chair of EE Hub.
- EE Hub shared the latest work of the five Task Groups:-
 1. Digitalisation Working Group (DWG)
 2. Energy Management Action (EMAK)
 3. Super-Efficiency Equipment & Appliance Deployment Initiative (SEAD)
 4. Top Ten Energy Efficiency Best Available Technologies and Practices (TOP-TENs)
 5. Energy Efficiency in Buildings (EEB)
- The EE Hub special event at the IEA 9TH Annual Global Conference on Energy Efficiency was held on May 22, 2024 in Nairobi, Kenya, with the meeting theme of “Renovating Buildings to Raise Energy Performance: Case from around the world”

EGEE&C Members are encouraged to cooperate with the EE Hub and its Task Groups through APEC project collaboration and sharing knowledge and experience in accelerating energy efficiency enhancement.



Cross Fora and Organisations Cooperation

Collaborative Labelling and Appliance Standards Program (CLASP)

- CLASP shared its report on “Net Zero Heroes” and related research which identified appliances at the core of achieving Net Zero Emissions by 2050 and set the “Net Zero Hero Targets” for emission mitigation.

EGEEC 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

Energy Foundation China (EFC)

- EFC introduced the progress on China's MEPS for cooling sector by conducting case study to RAC, research was done from different perspectives of policy development, stakeholder engagement, cost-effect analysis, and experiences were shared as well.

EGEEC Members are encouraged to explore cooperation opportunities with EFC on MEPS for cooling efficiency through knowledge sharing and APEC Project collaboration.



Cross Fora Cooperation

Collaboration with APERC / EGEDA

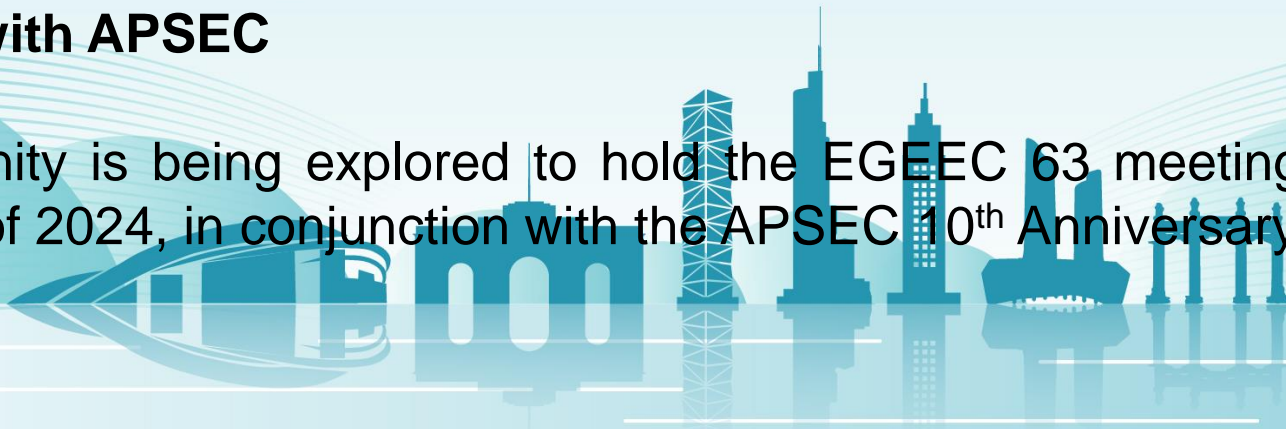
- Members are encouraged to strengthen collaboration between EGEE&C and APERC / EGEDA on energy efficient data collection and potential new EWG energy goals.

Collaboration with EGCFE

- EGEEC and EGCFE had the joint meeting in May 21-23, 2024 in Nanjing China under the meeting theme of “From the supply side to demand side, utilisation of clean energy and energy efficiency in realizing energy transition”

Collaboration with APSEC

- The opportunity is being explored to hold the EGEEC 63 meeting in Tianjin, China in the second half of 2024, in conjunction with the APSEC 10th Anniversary Forum.



EGEE&C Governance Issues

- EGEEC Term of References was reviewed by the members and without amendment.
- Proposal for EGEEC logo will be circulated within our EGEEC members for endorsement.



- EGEEC Contact List was updated and circulated to members on April 22, 2024..



EGEE&C Meetings

- EGEE&C Members are encouraged to host the EGEEC 63 and now the opportunity is being explored to hold the EGEEC 63 meeting in Tianjin, China in the second half of 2024, in conjunction with the APSEC 10th Anniversary Forum in September.
- Hong Kong China will host the Joint meeting for the 4 expert groups including EGEEC 64, in Spring, 2025.
- EGEE&C Members are encouraged to express their interest in hosting the EGEEC 65 meetings in 2025.





THANK YOU

