

EGEEC Discussion

16 March 2023

The 60th Meeting of APEC Expert Group on Energy Efficiency & Conservation
(EGEEC 60)



Environment and Ecology Bureau
The Government of the Hong Kong Special Administrative Region



EGEEC 60
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APEC Energy Intensity Reduction Goal

- APERC published the APEC Energy Demand and Supply Outlook, 8th edition, including two scenarios – (i) Reference Scenario (REF) and (ii) Carbon Neutrality (CN) Scenario. The 8th edition as an APEC Publication is uploaded to APERC website.
- APERC presented the annual change in energy intensity for the APEC region. Overall energy intensity declined by 26.1% between 2005 and 2020.
- APEC is expected to achieve its energy intensity reduction goal 45% by 2034 (REF) and 2031 (CN).

Potential New APEC Energy Goals

- Three small group meetings were held on 19 August 2022, 16 September 2022, and 18 October 2022 to identify various options for the potential new energy-related goal(s). The outcomes were reported at the 64th EWG meeting in November 2022.
- EWG members raised a broad views on the potential new energy-related goal(s). LS suggested to circulate an options paper to collect a broader views from all members.

Option 1 - Remain unchanged with current goals and explore new goals when data are available

The current goals are considered adequate, up-to-date and yet to be achieved. Therefore, new goals or changes to the current goals are unnecessary.

Although the current goals are expected to be achieved ahead of schedule, new goals or long-term goals are suggested to be explored upon economic recovery, regional stability, and data are available.

Option 2 - Continue to explore new goals

The current goals are expected to be achieved ahead of schedule in 2034 and 2026, respectively. There is a need to continue exploring aligning the current goals or the possibility of setting a new energy-related goal(s).

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Potential New APEC Energy Goals

Option 1 - Remain unchanged with current goals and explore new goals when data are available

- Encourage APEC member economies to focus on achieving the current energy goals during the time of economic recovery post-COVID.
- Setting long-term new goals to showcase and reinforce APEC's leadership and commitment to tackling climate change proactively in the region.
- Allow the APEC Expert Groups and Research Centres to gather relevant data for further analyses.
- Considering the current goals are expected to be achieved ahead of schedule, APEC members and the public might expect new goal(s) to be announced as goals are achieved.

Option 2 - Continue to explore new goals

- Setting new goals to showcase and reinforce APEC's leadership and commitment to tackling climate change proactively in the APEC region.
- New goal(s) can be announced when any current goal has been achieved further ahead of schedule
- Potential new goal(s) might not be reached due to macroeconomic undercertainty and lack of post-COVID data.

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Key Areas for Collaboration with APEC Working Groups, Expert Groups, Research Centers and Task Forces

Strengthen Collaboration on APEC fora, EWG expert groups and research centres

- **EWG Expert Groups: EGNRET, EGEDA, EGCFE**
- **Research Centres: APERC and APSEC**
- **Working Group: TWTWG**

- **Trade and Investment Groups: Automotive Dialogue (AD)**

Members are encouraged to propose to explore opportunities and areas to strengthen collaboration with APEC research centres, task forces and expert groups.

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Cross Fora and Organisations Cooperation

- Collaborative Labeling and Appliance Standards Program (CLASP) <<https://www.clasp.ngo>>
- International Energy Agency (IEA) <<https://www.iea.org>>
- Energy Efficiency Hub (EE Hub) <<https://energyefficiencyhub.org>>
- World Green Building Council (WGBC) <<https://worldgbc.org>>

Member are encouraged to suggest areas for collaboration with each organisation in enhancing energy efficiency and conversation.

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Key Areas for Collaboration with APEC Expert Groups, Research Centers and Task Forces

Strengthen Collaboration on APEC Projects

Project Title	Project Number	Linkages
APEC Energy Efficiency Policy Workshop 2018	EWG 08 2017A	EGEE&C, APERC, CLASP
Aligning Conformity Assessment Efforts for Energy Efficiency Regulations of Motors in the APEC and ASEAN Regions	EWG 05 2018A	EGEE&C, ICA, UL
APEC Workshop on District Cooling and/or Heating Systems (DCHS)	EWG 08 2019S	EGEE&C, EGEDA
Evaluation of Energy Technologies, Programs and Policies	EWG 12 2019A	EGEE&C, IEA, EEAP
APEC Capacity Building Workshop on Retro-commissioning (RCx)	EWG 09 2020A	EGEE&C, WGBC
Capacity Building Workshop on APEC's Goals of Doubling the Renewable Energy Share in the Energy Mix and Reducing Energy Intensity	EWG 08 2021S	EGEE&C, EGNRET

Members are encouraged to propose new APEC projects and explore opportunities to strengthen collaboration with APEC research centres, task forces and expert groups.

THANK YOU