



**Asia-Pacific
Economic Cooperation**

*EWG PRESENTATION TO
4 EG Joint Meeting*



Energy Working Group (EWG) updates

- ◆ **EWG Annual Work Plan**
- ◆ **EWG actions on Renewal instructed by SCE**
- ◆ **Other Key APEC developments of relevance to EWG**

SHAN Weiguo

9 April, 2025

EWG: *major activities in 2025*

- ◆ Hold **EWG 69** & Associated Meetings from 24 to 27 February in **Gyeongju** in the SOM1 clusters
- ◆ Hold **EWG 70** & Associated Meetings from 25 to 26 August in **Busan** in the SOM3 clusters
- ◆ Hold the **15th APEC Energy Ministerial Meeting** from 27 to 28 August in **Busan**.
- ◆ Hold **Joint Expert Group Meeting** (EGEEC, EGNRET, EGEDA and EGCCE) from 8 to 11 April in **Hong Kong, China**.
- ◆ Seek **endorsement of the EWG Strategic Plan** for 2025-2030 within this year.
- ◆ Seek **endorsement of the updated ToR of EWG** and its subsidiary bodies within the year.
- ◆ Draft **EWG's annual fora report** for endorsement by EWG and SCE for the 2025 APEC Senior Officials' Report on Economic and Technical Cooperation.
- ◆ Conduct **Deputy Lead Shepherd selection** process (2026-2027 term) during EWG70.

EWG: Key Deliverables in 2025

- 1 **Ministerial statement** for 15th EMM in 2025 (6 drafting meetings will be held virtually b4 August; it needs to be endorsed by EM)
- 2 **APEC Energy Policy Guidance** on utilizing carbon free energy technology in the power sector to expand clean electricity (to be endorsed by EM)
- 3 EWG will deliver **Summary reports or hold workshops** based on 25 projects
- 4 **APEC Urban Energy Report 2024** (Storage Enables Transition) will be published by APSEC in this summer
- 5 9th edition of **APEC Energy Demand & Supply Outlook** will be published by APERC in this Autumn
(This outlook is published every 3 years, and it is the basis of energy policy dialogue within EWG and among APEC energy ministers)



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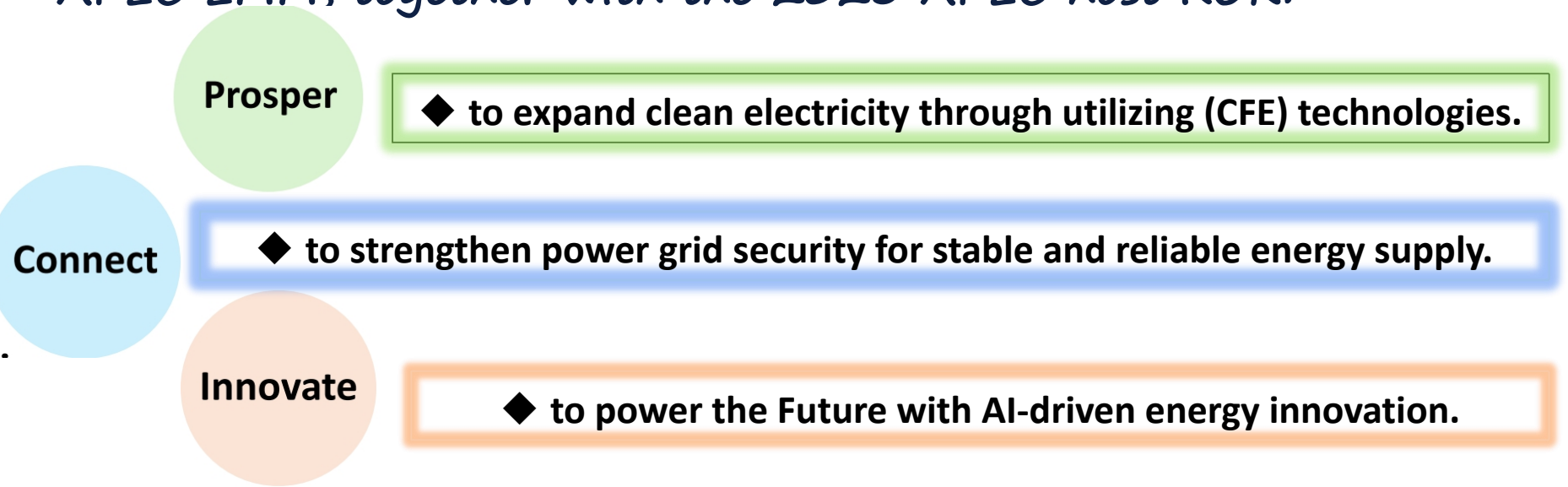


APEC Energy Demand and Supply Outlook



Alignment with APEC 2025 priorities

- Under the overarching theme of “Building a Sustainable Tomorrow”, the EWG is guided by the priority of “Accelerating the transition to clean energy” and set 3 key agendas for 2025 APEC EMM, together with the 2025 APEC host ROK:



- Based on an energy policy dialogue in Feb, EWG will support ROK to propose APEC policy guidance on the 3 Key Agendas in Aug.

EWG: Cross-Fora Collaborations

Experts are invited both from inside and outside APEC to join our workshops & projects

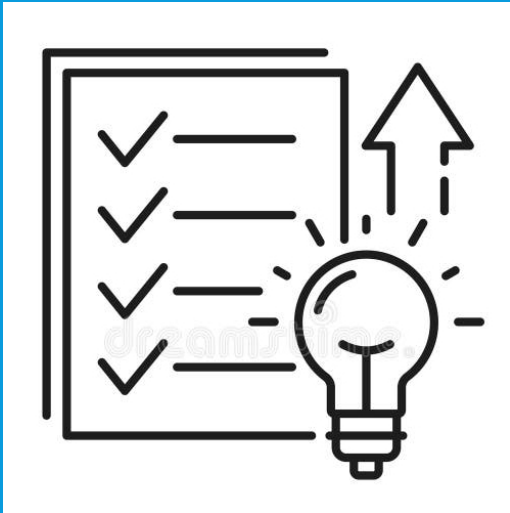
- with APEC **Automotive Dialogue** & the Transportation Working Group (**TPTWG**) on EV & Batteries, Fuel Cells
- with the Policy Partnership on Science, Technology and Innovation (**PPSTI**) & Sub-Committee on Standards and Conformance (**SCSC**) on energy resiliency
- with Small and Medium Enterprises Working Group(**SMEWG**) & **IEA** on hydrogen & energy efficiency
- with **PPSTI** & **PPWE** & **IRENA** on New Smart Materials for Sustainable Energy +Just Energy Transitions
- with **UN ESCAP**, **IRENA** and **ADB** on Energy storage
- With **IEA IEF** & **IRENA** on energy data



note: **UN ESCAP**: Economic and Social Commission for Asia and the Pacific

SCE RECOMMENDATION ON THE RENEWAL OF EWG

Last August 2024, the SCE recommended EWG with 5 instructions for action:



1. The EWG, Expert Groups, Research Centres, Task Forces and Satellite Websites (APEC Energy Standards Information System (ESIS) and The Energy Smart Communities Initiative (ESCI) **to draft ToRs** with four-year time horizons, sunset clauses and submit for SCE approval in advance of 31 December 2025。
2. The Expert Groups, Research Centres and Task Forces ToRs **to commit to reporting back to EWG annually**; to adhering to APEC guidelines and policies, including ensuring that APEC-branded outputs are first endorsed by EWG.
3. The EWG **to update its' Strategic Plan**.
4. The EWG **to review all websites** and instruct relevant members to update/discontinue websites non-compliant with APEC policies or out of date. In the event no economy is responsible for a website, it is to be discontinued.
5. The EWG to **report to SCE on its actions** by SCE1 in 2025

As instructed above, WE EWG has actively and firmly taken steps since last September.

ACTION1:

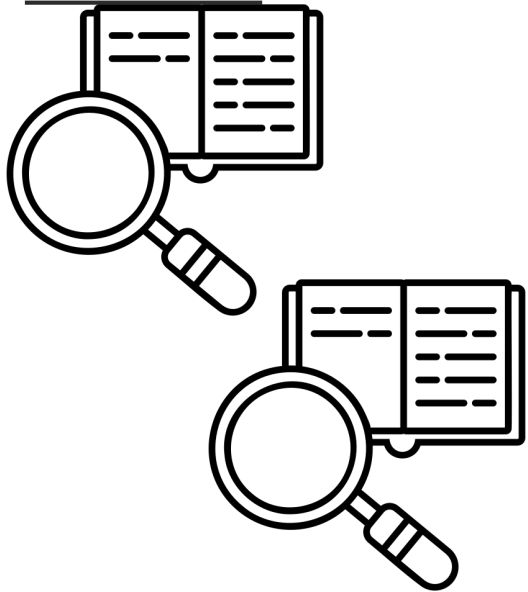
We Updated ToR for EWG



- The renewed EWG ToR with another 4-year time horizon (start from 1 January 2026 to 31 December 2029) was drafted by Former LS Ms. Ari in October 2024
- We expanded Scope of Activity by adding a new goal “to triple renewable energy capacity globally” as a response to Leader’s instruction.
- We expanded Priority Activities by adding new initiatives, like Just Energy Initiative Transition (JETI) , Energy Access Initiative (EAI) and new APEC policy guidelines on low-carbon clean H2.
- It was circulated and discussed 3 times within EWG. Only 1 or 2 minor elements left to address.
- It will be endorsed within EWG very soon.

ACTION2 :

We updated ToR for Subsidiary Bodies



- 6 renewed ToRs, including that for **2 centers** and **4 EGs** were also drafted with four-year time horizons and searched for endorsement twice within EWG;
- All the ToRs of the 6 subsidiary bodies incorporated a clause with commitments to reporting back to EWG annually; to adhering to APEC guidelines and policies, including ensuring that APEC-branded outputs are first endorsed by EWG.
- The 3 ToRs for **2 centers** and **1 EG** (**APEREC**, **APSEC** and **EGEDA**) were already endorsed in Feb.
- The 2 ToRs for **EGEEC** (3rd draft) and **EGNRET** (2nd draft) is now circulated to seek EWG endorsement.
- The **EGCFE** Secretariat is seeking approval from **EGCFE** members. Once finalized, the ToR will be circulated for EWG endorsement.
- 1 TF, i.e., **ERTF** is being reorganized as agreed by members at EWG 69. The ERTF ToR is already drafted but will be renewed soon.
- Regarding **ESCI**, CT, the host of ESCI initiative, have been drafting the ToR for ESCI. We will circulate for endorsement to EWG once received from CT.

ACTION3:

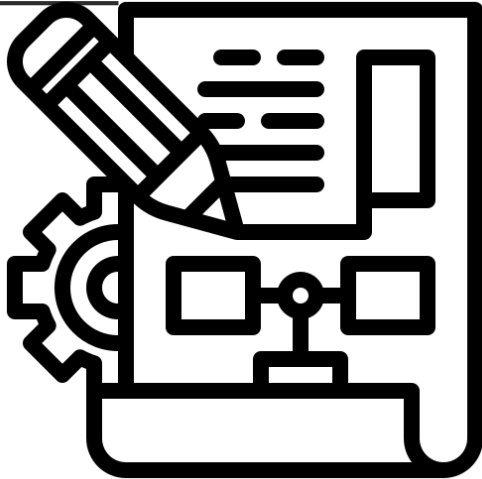
We Deleted Website Outdated



- The [*ESIS \(Energy Standard Information System\)*](#) link from the APEC Energy Webpage was deleted in January, as consensus was reached not to further maintain the APEC ESIS website among EGEEEC members, as early as in September 2019.
- The website [*ESCI-KSP*](#) is still under working. Thus, it is instructed to use the APEC brand and to prepare a new ToR. ESCI ToR will be prepared by Chinese Taipei and endorsed by EWG and then by SCE within this year.

ACTION4:

We Updated Strategic Plan



- EWG Strategic Plan for 2026-2029 was drafted by Former LS in Dec 2024
- EWG tried to finalize the endorsement before EWG69 in late Feb, but failed due to new requests on revision.
- It is under review for 5th time.
- It maybe discussed further inter-sessionally. It is expected to be finalized by early August.

Activity	Schedual
Circulation and consolidates comments of Draft 1	16-Dec
Circulation and consolidates comments of Draft 2	14-Jan
Circulation and consolidates comments of Draft 3	10-Feb
Circulation and consolidates comments of Draft 4	17-Feb
Circulation and consolidates comments of Draft 5	31-Mar
Final endorsement Final	First week of August

APEC 2025 Key Deliverables:

*Artificial Intelligence Cooperation
&
Response to Demographic Changes in
the Asia-Pacific Region*

Artificial Intelligence: Goals

- In recent years, we have witnessed an acceleration of social and economic transformation driven by Artificial Intelligence (AI), and this pace of change is only expected to intensify.
- AI is transforming economies across the world, offering new opportunities for innovation, productivity, and sustainability. APEC economies, with their diverse stages of development, have the collective responsibility to harness AI's potential in ways that benefit all, fostering inclusive growth and sustainable progress.



Sustained
economic growth,
powered by AI-
driven innovation



AI inclusion,
ensuring AI is
accessible and
beneficial to all
across the region



Environmental
sustainability,
with AI supporting
greener solutions

Artificial Intelligence: Proposal



*Exploring the Future
Direction for AI
Transformation*

*Create a shared outlook for
AI's role in the region*



*Building AI Capacity and
Skills*

*Equipping economies with the
necessary tools and
knowledge*



*Fostering Sustainable AI
Infrastructure across
economies*

*Encourage efforts to ensure
sustainable investment in AI
infrastructure in the private
sector*

Demographic Response: Goals

- Demographic transition is not merely a domestic issue for individual APEC member economies but a fundamental force reshaping economic and social structures.
- APEC member economies, each facing different economic and social conditions, are dealing with various demographic challenges such as a declining birth rate, aging populations, urban concentration, regional imbalances, and workforce shortages.
- These changes are not just about fluctuations in population size; they are triggering a fundamental restructuring of social systems.

Mitigation:

Policies aimed at mitigating the adverse trends of demographic changes.

Adaptation:

Policies designed to optimize social systems in response to ongoing demographic shifts.

Planning:

A forward-looking approach that anticipates demographic trends and integrates them into a broader policy framework.



Establishing Demographic Data Platform

- Support for future population and household projection simulations
- Securing statistics across the region



Strengthening Demographic Data Literacy and Policy Capacity

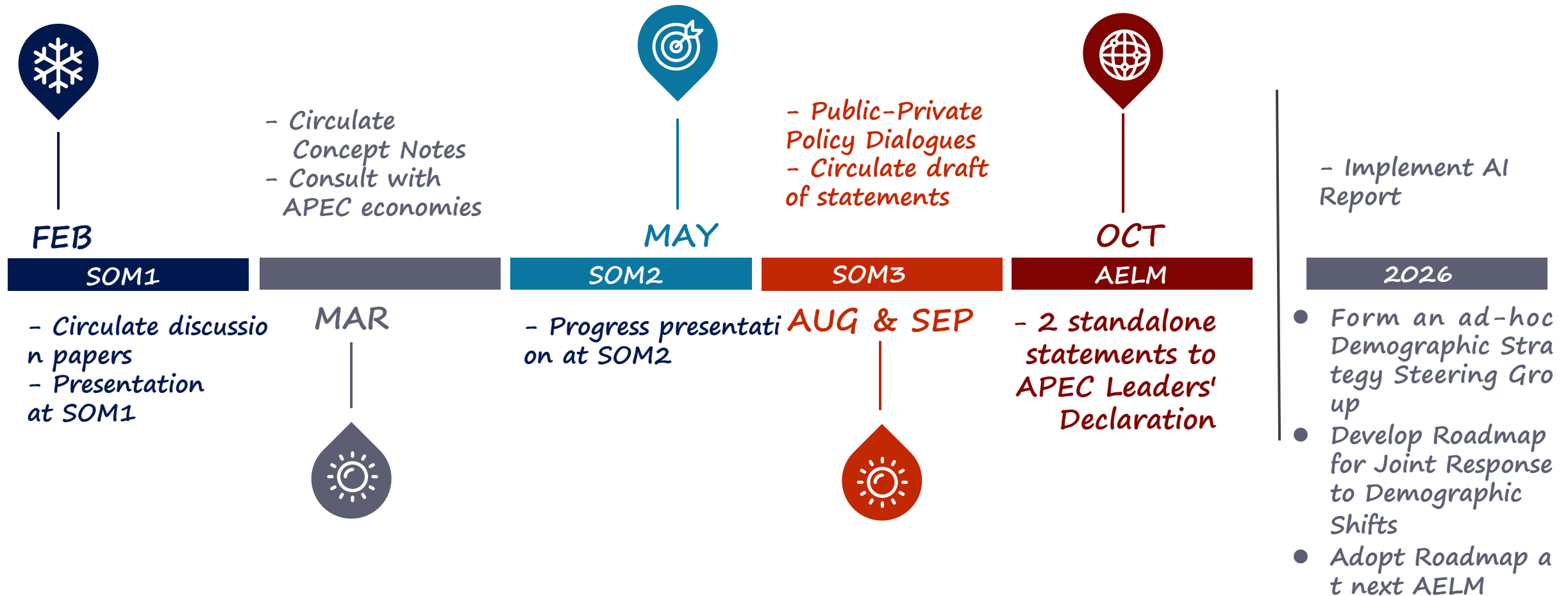
- A data needs-assessment for each economy
- Tailored training programs and workshops



Analyzing Key Demographic Issues and Governance Structures

- Conduct a governance mapping exercise

Timeline: AI and Demographic Response



Thank you.

Energy Working Group – Lead Shepherd Mr. Shan Weiguo



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