



Update on the APEC Policy Guidance to Develop and Implement Clean and Low-Carbon Hydrogen Policy Frameworks in the Asia-Pacific – Implementation Plan

EGNRET Chair

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EGNRET 64 Meeting

Hosted by Thailand

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Key Follow-up Actions on PGH

Building on previous discussions, EGNRET is advancing follow-up actions **to strengthen knowledge sharing, policy coordination, and collaboration across APEC economies.**



01 Knowledge Platform

Position the EGNRET website as a knowledge-sharing platform with a dedicated hydrogen information section. It is expected to be ready in the end of March.



02 Policy Guidance Update

Invite member economies to review and update information under the PGH Policy Guidance Annexes. EGNRET will send a questionnaire to member economies in early April.



03 Member Engagement

Continue collecting feedback and encourage member economies to prioritize hydrogen initiatives across sectors.

Knowledge Platform



Mapping of APEC local hydrogen roadmaps and strategies

2025/2/25



Knowledge Platform

Economy	Main Documents or Policies	Key Goals
Australia	National Hydrogen Strategy	Establishment of export supply chains and development of shipping and logistics capabilities for hydrogen exports.
	Hydrogen HeadStart Program	<ul style="list-style-type: none"> • Clean hydrogen under AUD 2 per kg H₂ • Formation of hydrogen hubs, comprising substantial demand clusters located at ports, urban centers, or regional and remote areas. These hubs will facilitate infrastructure development cost-effectiveness, economies of scale, innovation, and synergies from sector coupling. • Analysis of hydrogen preparation, storage, transportation, application, etc. Current state of development and the obstacles to its development. Targeted technical and policy recommendations. Research plans for the years 2018-2025 and 2025-2030.
Brunei Darussalam	No specific policy	<ul style="list-style-type: none"> • First pilot hydrogen chemical plant (operated by the Association for the Development of Advanced Hydrogen Energy Chains Technology) shipped 4.6 metric tons of hydrogen to Japan.
Canada	Hydrogen Strategy for Canada	Expansion of clean hydrogen production.
		<ul style="list-style-type: none"> • Creation of different regional hubs. • The strategy envisioned Canada as a consumer and an exporter of hydrogen.

Policy Guidance Update



Section 1: Respondent Information	
Essential for tracking which economy is providing the update.	
1. Economy Name	[List all 21 APEC Economies: Australia, Brunei Darussalam, Canada, Chile, People's Republic of China, Hong Kong China, Indonesia, Japan, Republic of Korea, Malaysia, Mexico, New Zealand, Papua New Guinea, Peru, Republic of the Philippines, Russia, Singapore, Chinese Taipei, Thailand, United States, Viet Nam]
2. Contact Person (Name & Title)	
3. Contact Email	
Section 2: Policy & Roadmaps	
Corresponds to Annex A - 1.csv. Focuses on high-level strategy documents and quantitative goals.	
4. Current Status of National Hydrogen Strategy	No specific policy yet
	Under development / released for consultation
	Strategy published (Update needed)
	Strategy published (No changes since last year)
5. Name of New or Updated Policy Document	Help Text: If you have released a new strategy or roadmap since the last report, please provide the official title here (e.g., "National Hydrogen Strategy 2025").
6. Updates to Key Goals	Help Text: Please list any new quantitative targets (e.g., "Produce 1M tons by 2030", "Cost <\$2/kg"). If unchanged, leave blank.
7. Link to Official Policy Document	
8. Upload Policy Document (Optional)	格式PDF

Policy Guidance Update

Section 3: Market Instruments & Finance (Annex A-2)

Corresponds to Annex A - 2.csv. Focuses on Carbon Pricing and Green Taxonomy.

9. Carbon Pricing Instruments (Compliance)	Emissions Trading System (ETS) - Implemented
	Emissions Trading System (ETS) - Pilot/Under Development
	Carbon Tax - Implemented
	Carbon Tax - Under Development
	None
10. Carbon Pricing Updates / Details	Help Text: Please provide details or links for the selected instruments (e.g., "National ETS launched in 2024 covering power sector").
11. Green Economy Taxonomy Status	<p>Taxonomy in force</p> <p>Taxonomy under development / draft</p> <p>Discussion phase</p> <p>No taxonomy planned</p>
12. Link to Taxonomy Documentation	Help Text: Link to the official taxonomy guide or roadmap (e.g., "ASEAN Taxonomy Version 2").

Policy Guidance Update

Section 4: APEC Projects (Annex B)

Corresponds to Annex B.csv. Allows economies to update the status of existing projects or propose new ones.

13. Updates to Existing APEC Projects	Help Text: Please review the current list. If a project status has changed (e.g., from "Ongoing" to "Concluded"), please specify here. Format: [Project Title] - [New Status].
14. New APEC Project: Title	Help Text: If submitting a new project for the registry.
15. New APEC Project: Proposing Fora	Options: EWG, FMP, SCSC, PPSTI, TPTWG, Other
16. New APEC Project: Related Area	Value Chain Standards and Certification Research and Innovation Finance and Investment Public and Social Awareness
17. New APEC Project: Current Status	Concept Note Quality Assessment Ongoing Concluded

Section 5: External Collaborations (Annex C)

Corresponds to Annex C.csv. Tracks partnerships with non-APEC bodies (IEA, World Bank, etc.).

18. New Collaboration with International Organization	Help Text: Name of the organization (e.g., IRENA, IPHE, World Bank).
19. Area of Collaboration	Value Chain Standards and Certification Research and Innovation Finance and Investment Public and Social Awareness
20. Link to Collaboration Resource	Help Text: Link to a joint report, press release, or MoU.



Member Engagement

Continue collecting feedback on possible actions and support, while encouraging member economies to prioritize hydrogen initiatives across sectors.

Recent Regional Engagement

APEC Clean and Low-Carbon Hydrogen Convention (CLCH)



20–21 May, 2026



Hong Kong, China

**Thank You
For Your
Attention!**

EGNRET website
<http://www.egnret.ewg.apec.org/>



MEETINGS



NOV 19, 2025
EGNRET 63 Meeting



APR 10, 2025
EGNRET 62 Meeting



Jan 16-17, 2025
EGNRET 61 Meeting