

Researcher Eye

APEC Hydrogen Report 2024

The importance of clean and low-carbon hydrogen as a strategic tool for decarbonization of hard to abate sectors has been recognized by APEC economies through the development of the “APEC Policy Guidance to develop and implement clean and low-carbon hydrogen policy frameworks in the Asia Pacific” in 2024.

That year marked significant advancements in hydrogen projects and policies across the region, but it also highlighted key challenges – most notably, the difficulty in securing offtakers due to policy and regulatory uncertainty, as well as high costs.

The second APEC Hydrogen report monitors and analyses these developments, focusing on the most matured hydrogen projects in each APEC Economy. It also examines policy advancements and support mechanisms that have been implemented or proposed, offering insights into the evolving clean and low-carbon hydrogen landscape in the APEC region.

By reviewing the progress of the hydrogen industry across different economies, this report encourages APEC economies to assess their own conditions and consider the replicability and adaptability of various policies and support mechanisms.

This report also contributes to the APEC Energy Working Group's efforts to support the implementation of the APEC Hydrogen Policy Guidance.