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Towards an APEC Policy Guidance to Develop and Implement Low-Carbon Hydrogen Policy Frameworks in the Asia-Pacific Region - Presentation

Purpose: Information
Submitted by: Peru



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TOWARDS AN APEC POLICY GUIDANCE TO DEVELOP AND IMPLEMENT LOW-CARBON HYDROGEN POLICY FRAMEWORKS IN THE ASIA-PACIFIC REGION



WHY LOW-CARBON HYDROGEN?

- Hydrogen has become a key alternative energy source to decarbonize various sectors such as transportation, chemicals, power, etc.
- Contributes to global climate goals by reducing carbon emissions, create new economic opportunities, and enhance energy security by reducing dependence on fossil fuels.
- Has the potential to mitigate the impacts of climate change.
- Not necessarily colors but level of emissions are key at this stage.



- Different levels of development low-carbon hydrogen in the Asia Pacific at the moment.
 - Absence of comprehensive policies and strategic roadmaps in the region.
- In APEC there is a lack of coordinated efforts and cross-fora collaboration.
- Need to learn not only from good but from bad practices as well.
- A comprehensive and coherent approach will also help to deal with trade perspectives of this source (the earlier the better or time is now).

WHY A POLICY GUIDANCE OR ROADMAP?



WHAT IS THE AIM OF THE ROADMAP?

- Building consensus on a low-carbon hydrogen definition.
- Addressing key elements or areas:

A

Accounting
methodologies for life
cycle impacts and
carbon content

B

Standards

C

Regulations

D

Certifications

- Addressing challenges.



PROCESS

Policy guidance to be discussed at the technical level within the EWG.

Cross-fora collaboration will be promoted in particular with relevant groups and sub-fora: PPSTI, SCE, SMEWG, among others.

Negotiated process with a view to adopt the policy guidance by consensus.

Energy Ministers to adopt the policy guidance by consensus at the EMM in August 2024.

