

Annex I

G20 High-Level Voluntary Principles on Hydrogen

We intend to support voluntary principles to enable emission reduction, in all sectors, and work towards addressing sustainability aspects. This will contribute to achieving global net zero GHG emissions/carbon, neutrality goals by accelerating measures towards the production, utilization, and trade of hydrogen produced from zero and low emission technologies and its derivatives such as ammonia. For this purpose, we welcome the following five high-level guiding voluntary principles on Hydrogen:

1. Encourage collaboration on the development of national standards and work towards globally harmonized approach to certification for hydrogen produced from zero and low emission technologies and its derivatives such as ammonia.
2. Promote free and fair trade of hydrogen produced from zero and low emission technologies and its derivatives such as ammonia in line with WTO rules, supported by resilient and diversified supply chains.
3. Accelerate technological innovation, business models, and R&D collaboration to enhance international cooperation.
4. Promote investments, mobilize finance, and develop infrastructure for enhancing the production, utilization, and global trade of hydrogen produced from zero and low emission technologies and its derivatives such as ammonia.
5. Support and enable voluntary information sharing, cooperation, dialogue, knowledge exchange, and capacity building on hydrogen produced from zero and low emission technologies and its derivatives such as ammonia, with an aim to contribute to net zero GHG emissions/carbon neutral pathways, including through the development of regional and international initiatives and institutions.

