

Plenary Lecture 1

Japan's Policy Measures for Phasing-down HFCs - Past Progress and Future Direction -

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Shuji Tamura is Director of Fluoride Gases Management Office, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry (METI) of Japan. He took his current position in July 2020, and has been working on policy measures for phasing-down fluoride gases emission (e.g. HFCs) including two national regulations, Ozone Layer Protection Law and Fluorocarbons Emission Restraining Law.

More than 30 year service in METI, Mr. Tamura has been responsible for the policy making for fostering several industries including the chemical industry and the automobile industry. In early 2000s, he was seconded to the OECD secretariat in Paris where he was responsible for analytical and policy work related to technological innovation and economic performance.

Mr. Tamura holds a BSc in physics from the Tsukuba University of Japan and MSc in environmental technology from the Imperial College London.

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ABSTRACT

(MOE) indicated future direction of additional policy measures to achieve Carbon Neutral 2050 in HFCs category. They include further reduction of HFCs supply, continuous development of new low-GPW refrigerants, introduction of digital technology for preventing HFCs leakage, and further removal of HFCs from waste equipment. The Committee joint meeting also pointed out the necessity of safety net for maintaining cold-chain which could face possible shortage of HFCs. Drop-in/Retro-fit and reclamation of HFCs is expected to contribute to such safety net. METI together with MOE will draw plans to materialise such future direction into the practical policy measures.