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Fluorocarbons management and promoting natural refrigerants in Japan.

The Government of Japan has implemented the Montreal Protocol and taken the lead for countermeasures to control fluorocarbons in production, regulating import and export and emissions reduction through domestic laws and regulations since 1990. Further to advancing the phase out CFCs and HCFCs under the Montreal Protocol, the Kigali Amendment expanded the scope to regulating HFCs, creating the momentum to accelerate management and emission reduction of these gases in each party country. In this presentation, latest domestic efforts and international cooperation by the Government of Japan on promotion of natural refrigerants will be shared. While incentivizing substitution to natural refrigerants is important for countries with mature market, dissemination of legal framework on the life cycle management of fluorocarbons and diffusion of technologies will have large impact to developing countries experiencing rapid growth in refrigerant market.