



Opening Remarks I Japan's Action on Life Cycle Management of Fluorocarbons

Side Event on Higher Energy Efficient Cooling and HFC Life Cycle Management
as a Key Contribution to Climate Change Mitigation and Adaptation
Japan Pavilion at UNFCCC COP28 in Dubai, the United Arab Emirates

5 Dec 2023



Fluorocarbon bank is Huge!



approx.

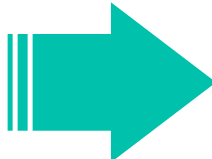
16Gt-CO₂eq

approx. 2Gt-CO₂eq

Annual production & consumption

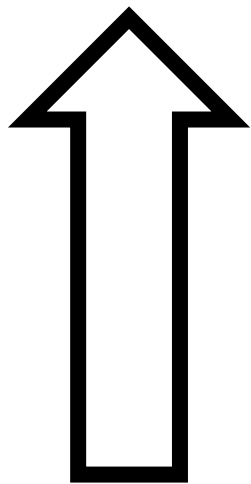


of fluorocarbon in Global, 2022



Fluorocarbon bank

in Global, 2022

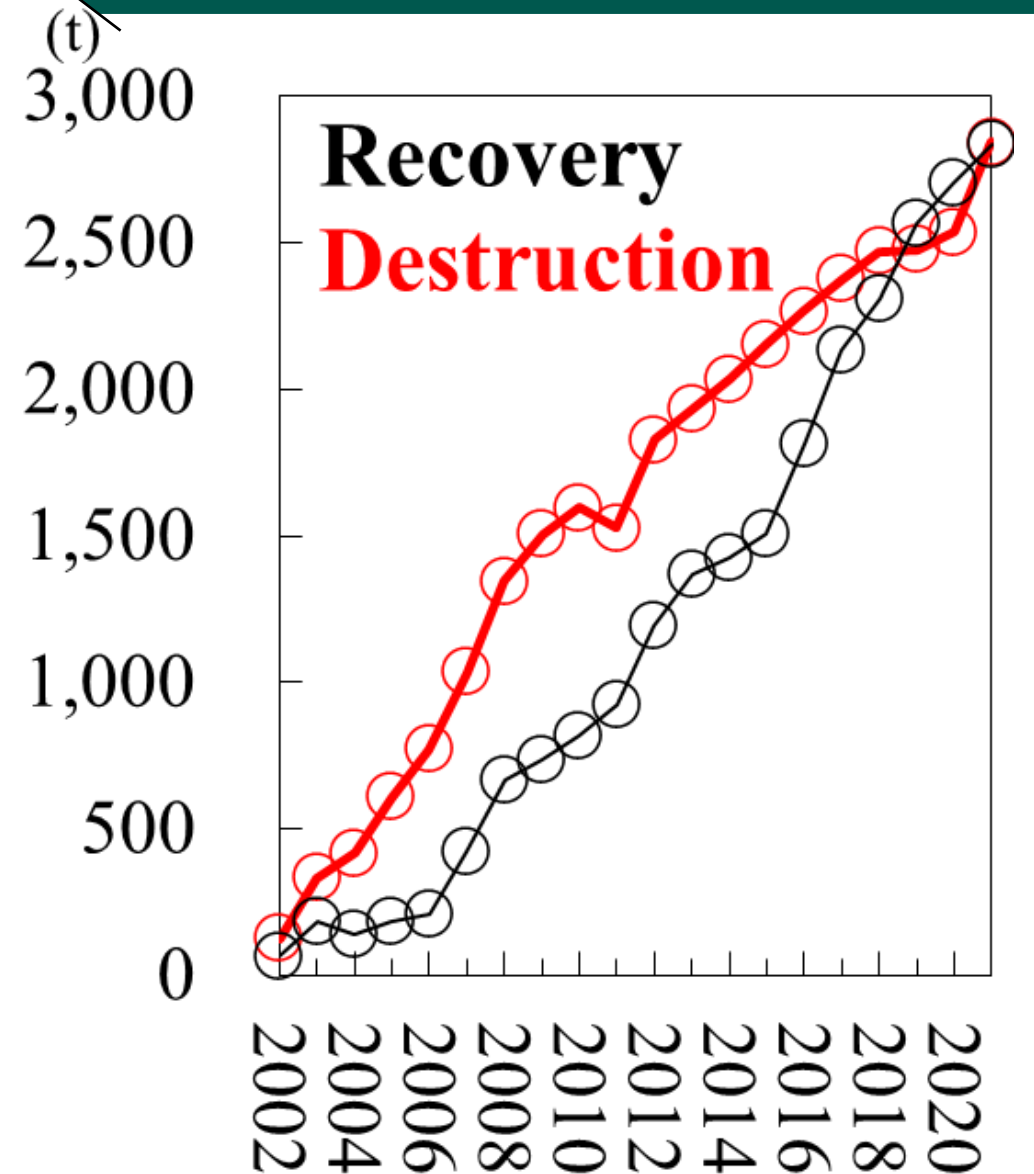


Montreal Protocol & Kigali



Unaddressed!

Recovery & Destruction of Fluorocarbons in Japan



Recovery
Destruction

Amount of recovery & destruction of HFCs in Japan, 2002-2021

Recovery Operators:
52,000



ビル用マルチエアコンからの
確実なフロン類回収のための
ガイドブック

～機器一台当たりのフロン回収率の向上を目指して～



**Technical
Guidebook
for Recovery**

Destruction facilities:
56



**Co-Combustion
of Waste**



**Superheated
steam**

IFL addresses developing countries' needs



Needs

- Needs for laws to manage fluorocarbons emissions
- Needs for technologies for recovery and destruction
- Needs for inventory of fluorocarbons emissions etc.

Support!



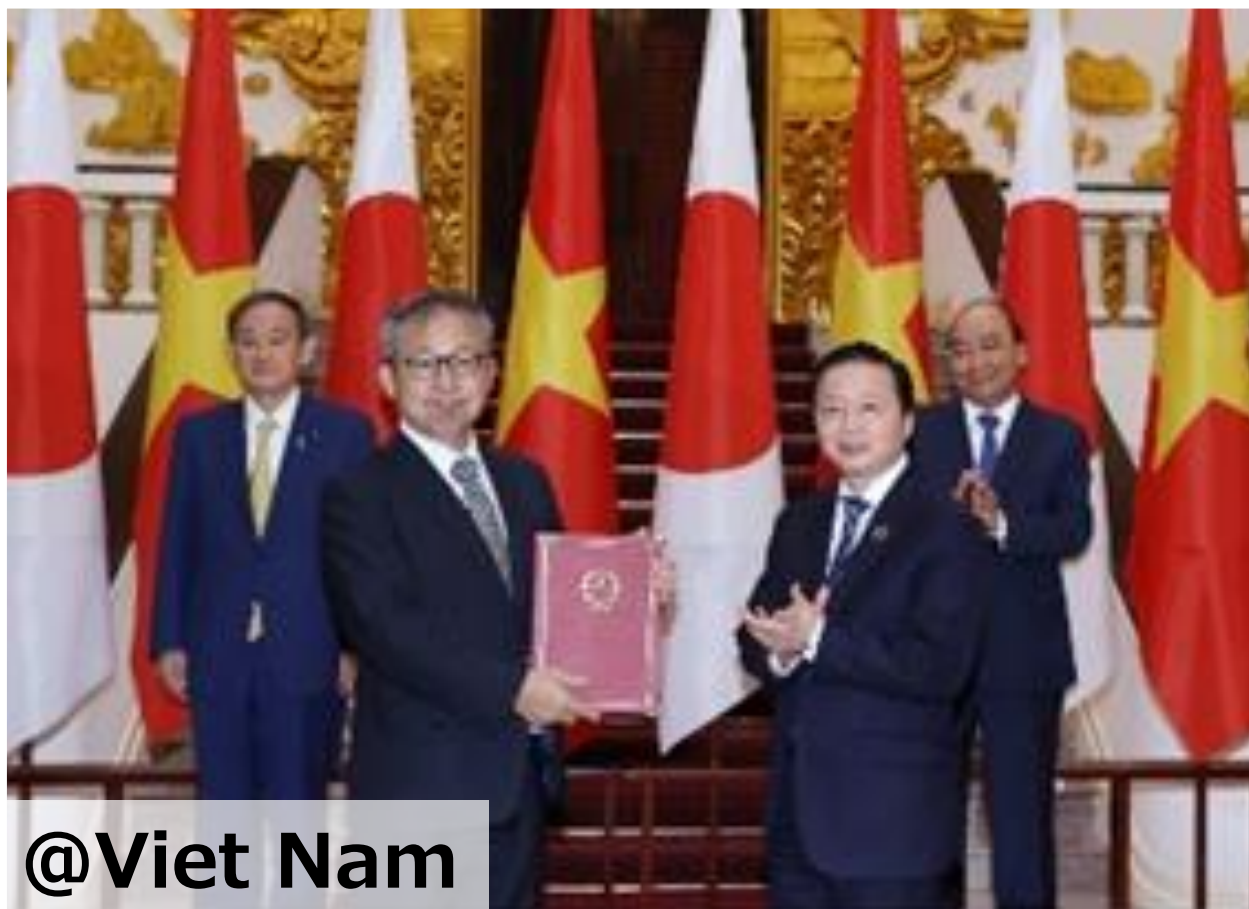
- Initiative on Fluorocarbons Life Cycle Management promotes policy development, technology deployment, and capacity strengthening.



Japan's Support for Capacity Development under IFL



INITIATIVE ON
FLUOROCARBONS
LIFE CYCLE
MANAGEMENT



@Viet Nam

**Legislation on Life cycle
Management of fluorocarbons**



@Thailand

**Training for proper use of
equipment for HFC recovery**



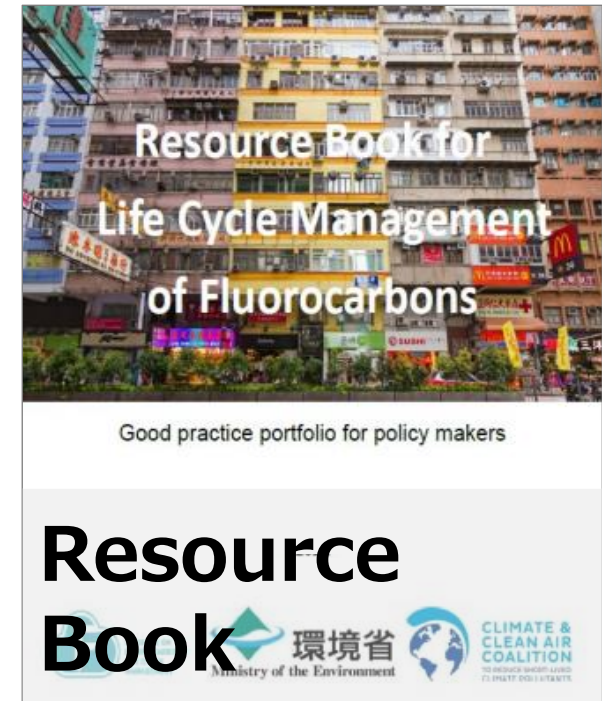
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On-site tour for destruction facilities



Seminar for knowledge sharing



Resource Book

Supporting developing countries through

- Organizing seminars for knowledge sharing by policy makers and practitioners
- Disseminating good practice on mitigation policies and measures
- Consulting for elaborating National GHG inventory for HFCs

