



INITIATIVE ON
FLUOROCARBONS
LIFE CYCLE
MANAGEMENT



環境省
Ministry of the Environment



Supports to enhance GHG emissions measurement and reporting activities through PaSTI and IFL

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(PaSTI and IFL Secretariat)

Outline

1. Partnership to Strengthen Transparency for Co-Innovation (PaSTI)



2. Initiative on Fluorocarbons Life Cycle Management (IFL)



1. Partnership to Strengthen Transparency for Co-Innovation (PaSTI)

under the Japan ASEAN Climate Change Action Agenda 2.0 (ASEAN Summit, Oct 2022)

“Japan ASEAN Climate Change Agenda” was developed in 2017 based on Japan ASEAN Environmental Cooperation Initiative.

As the program supporting ASEAN toward decarbonization, 3 pillars for cooperation been recognized.



PaSTI is a flagship project for Transparency pillar.



Transparency

Partnership to Strengthen
Transparency for
co-Innovation(PaSTI)

Adaptation

Adaptation Platform (AP-PLAT)

Mitigation

Joint Crediting Mechanism

2. Momentum for decarbonization and the PaSTI



ASEAN Countries

Paris Agreement

- NDC updates with higher ambition
- CN/Net Zero in 2050-2065
(Pledge at COP26)

Domestic legislation

Sector-level mitigation/reporting

- Targets by line ministries, reporting to Coordination Committee on Climate

Facility-level MRV

- Mandate the private sector reporting
- Some mitigation planning requirement.

ASEAN as a group

Paris Agreement

- Coordinated action in ASEAN for contribution
- Mainstreaming CC in ASEAN integration

Promoting implementation

Various mitigation program

- JCM, LTS with AIM Model

Guidelines on Facility-level MRV

- Harmonized reporting system by ASEAN members
- ASEAN Integration and carbon pricing

PaSTI Cooperation

Japan's GHG Accounting & Reporting System

Japan's decarbonizing technologies and service

ASEAN Guidelines development

Incentives through ESG investment

3. Connecting GHG reporting and private sector incentives

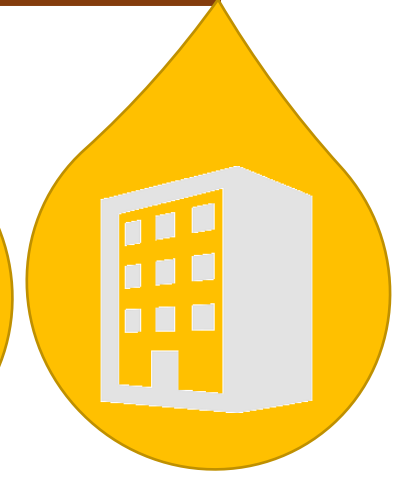
MRV of GHG emissions and climate action



Mainstreaming transparency activities by the private sector



ESG Investment



Corporate value Improvement etc.

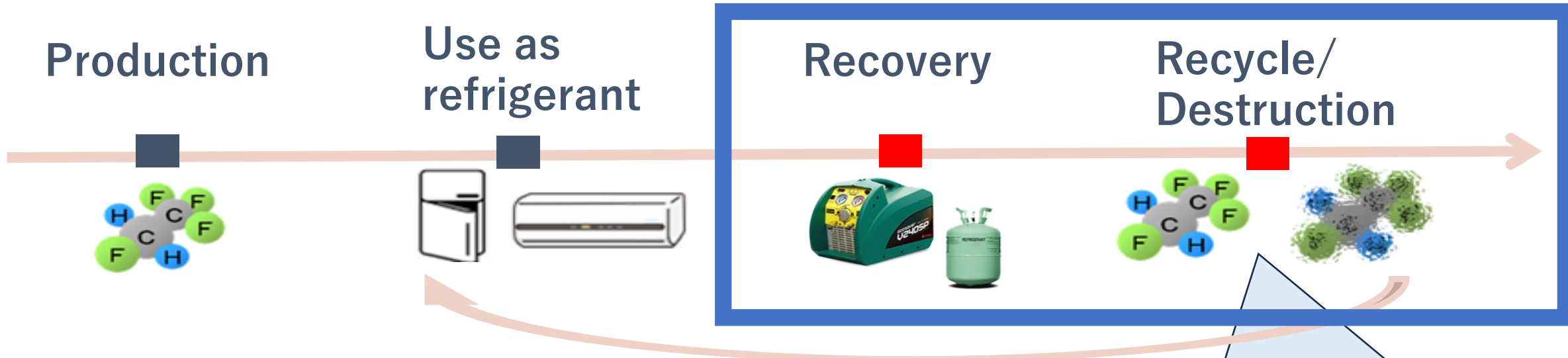


Capacity building

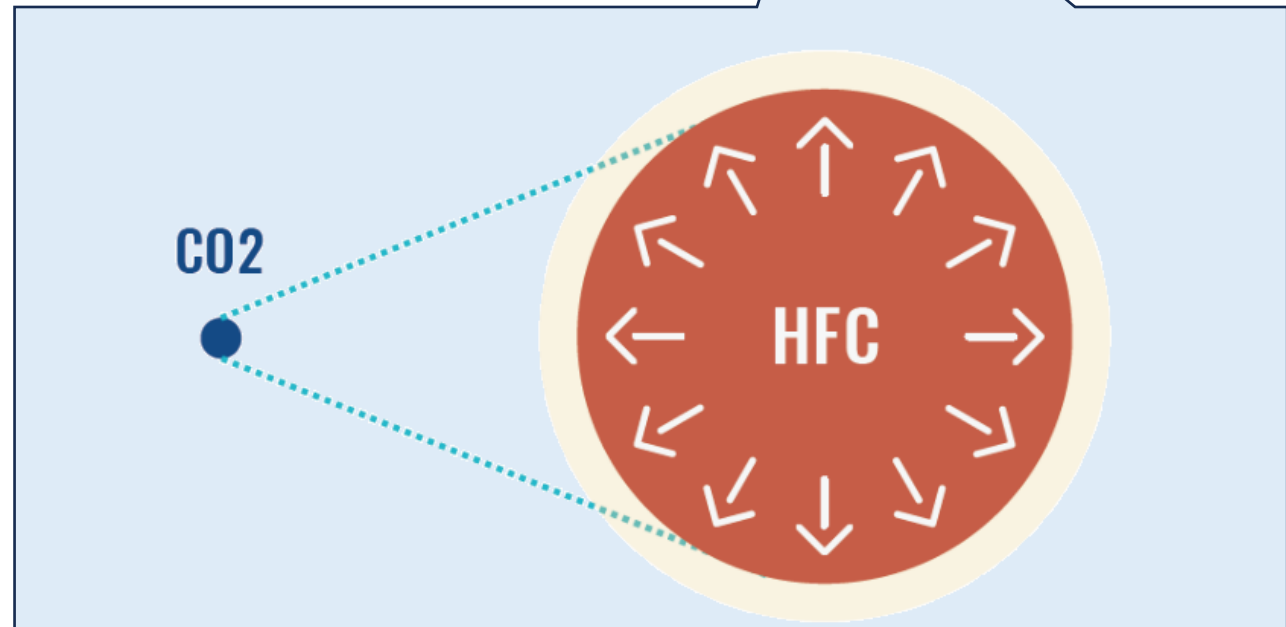
System development

The PaSTI promotes transparency of the private sectors which leads to ESG investments and increasing the competitiveness of companies in the global market.

4. IFL supports reducing HFC emissions

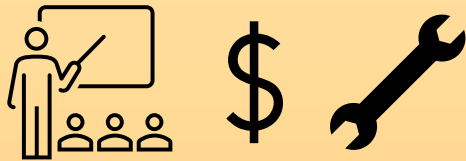


- **HFCs** (Refrigerant) have high GWP as 100-14,000 times.
- In many developing countries, used refrigerants are simply released to the atmosphere, without any treatment.
- Collection and recovery, recycle and destruction are key actions.



5. IFL Work Plan 2023- Action Menu

1. Mitigation ambition and transparency



3. Capacity development and investment support

2. Legislation and policy development

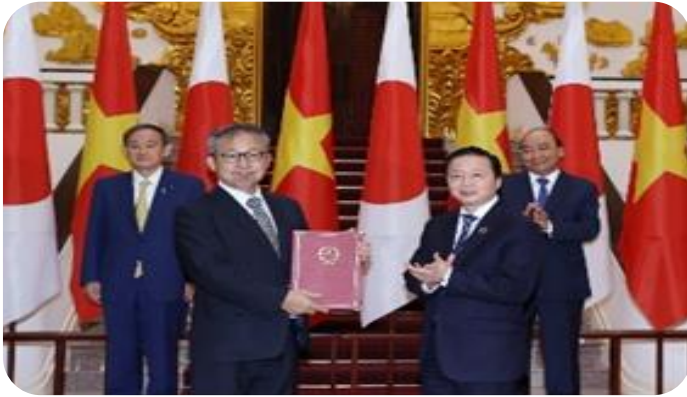


4. Outreach & awareness raising



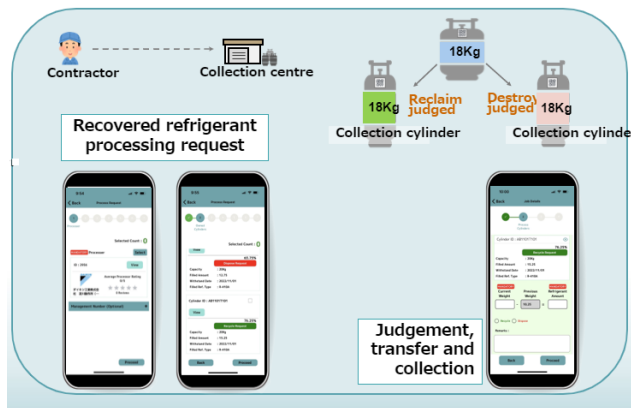
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Legislation and policy development



- Viet Nam: Legislation support on the Revised Law on Environment Protection, its Decree and the national technical specification (QCVN)
- Malaysia: Preparing implementation rules for the Refrigeration Management Regulation 2020

- Viet Nam: a demo project of the development of the HFC tracking system (TBD) , including the network development for proper management of refrigerants. system



HFC Tracking System

Capacity development and investment support

■ Manuals/guidelines & training of technical experts

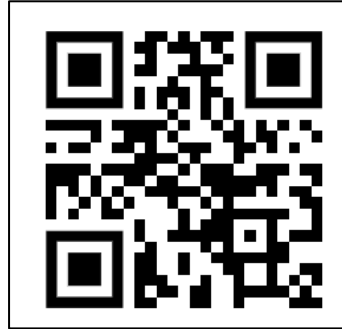


- Development of Technology Manual for HFC collection and destruction in local languages in Cambodia
- Technical training for refrigerant recovery and destruction in Cambodia, Thailand and Viet Nam

■ Investment on HFC destruction infrastructure by the JCM



- Joint Crediting Mechanism (JCM) Project on used HFC Collection and Destruction by Combustion Technologies (Viet Nam, Philippines and Thailand)



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Thank you very much

Visit here for more information on the Initiative!

(PaSTI)

<https://www.env.go.jp/earth/ondanka/pasti/en/index.html>

<https://www.youtube.com/@pastiofficialchannel689/videos>

(IFL)

http://www.env.go.jp/en/earth/ozone/fluorocarbon_initiative/index.html

<https://www.youtube.com/channel/UCtFtrM-SzUUI6r87heLK-gA/videos>