

HFCs Recovery & Reclamation and Biogenic CO₂

BCG Economy  Sustainability

Bio Economy เศรษฐกิจชีวภาพ

Circular Economy เศรษฐกิจหมุนเวียน

Green Economy เศรษฐกิจสีเขียว



Iwatani

Iwatani Corporation (Thailand) Ltd.

Fuel Switching

Carbon Offset LPG

Energy Saving Equipment

Cartridge Energy

- Cassette stove
- Cassette cylinders
- Accessories for stoves
- Torch burner



Energy



Industrial gas

- Air Separation gas(Oxygen,Nitrogen,Argon)
 - Special Gases(CarbonDioxide,Helium,Refrigerant,Hydrogen)
 - High-pressure gas supply equipment
 - Piping and equipment installation work
 - Gas applications



Refrigerant Recovery & Reclamation

Biogenic CO₂

Hydrogen

Recycled and Biogenic Resins

Biomass Fuel

- Robots & Applications
- Factory Automation
- Welding material
- Reflow furnace
- Die Bonder
- Wet Blasting Equipment



Electronics & FA

- Resin Material
- Plastic Product
- Ceramic molding
- Heat-resistant paint
- Heat treatment jigs
- Fan guard



Material

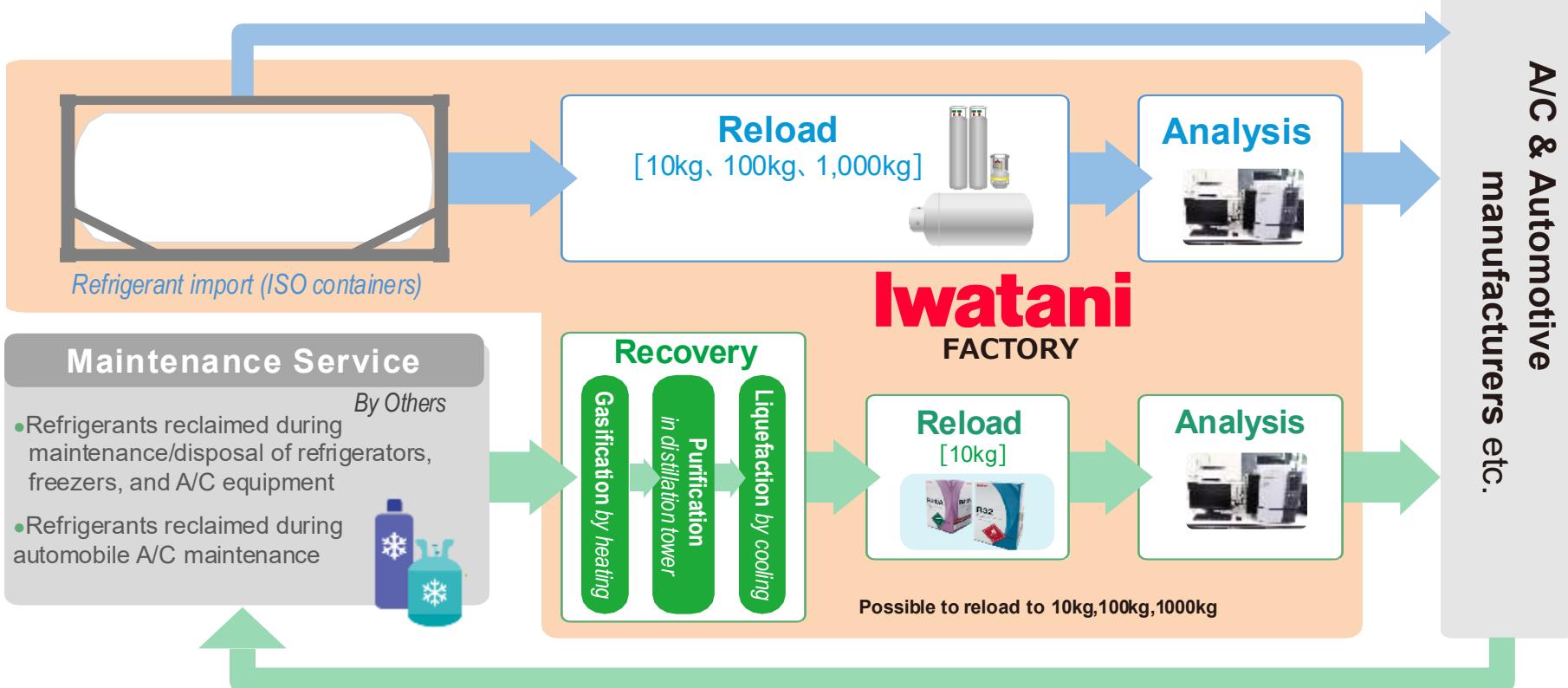
Refrigerant Recovery & Reclamation

Iwatani

Contributing to the circular economy and the environment

Filling
Business

Reclamation
Business



Factory



Samutsakorn Industrial Estate

Government Event



Selling **Virgin** and **reclaimed** products under the **Iwatani brand**,



First
Business
In Thailand



BCP



- ✓ Existing CO2 in Thailand >90% from Natural gas field
- ✓ Shortage ↘ Drop to 60% Capacity in FY2022

Independent CO2 Source

Supply Chain



- ✓ South East Asian Countries, and Japan Facing Serious CO2 Shortage

Strengthen the Supply Chain

ECO Friendly



- ✓ CO2 from Sugarcane



Environmental Impact ▲70% ※

※ compared to natural gas-derived CO2

Biogenic CO2 Project

CO2 Cooling &
Plant Installation
Technology

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Supply
Biogenic CO2
Raw Materials

Biogenic CO2 Scheme

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Raw CO2

Bio Ethanol Process



CO2 released into the atmosphere

CO2 Plant

Start from Jul 2027

Purification Liquefaction

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Collect CO2

Delivery

Automotive (Welding)



HDD



Beverage



Dry Ice

Bio-Chemical



Agriculture

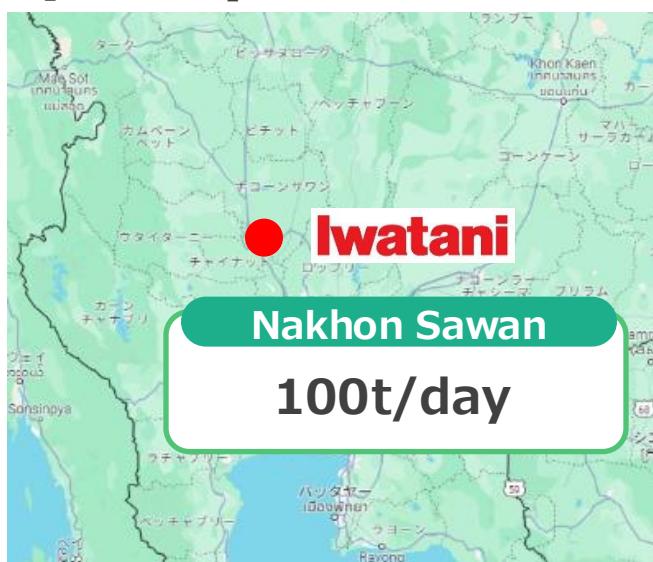


While it is an essential material for industry, supply shortages are occurring in various countries

Supply to SEA and Japan

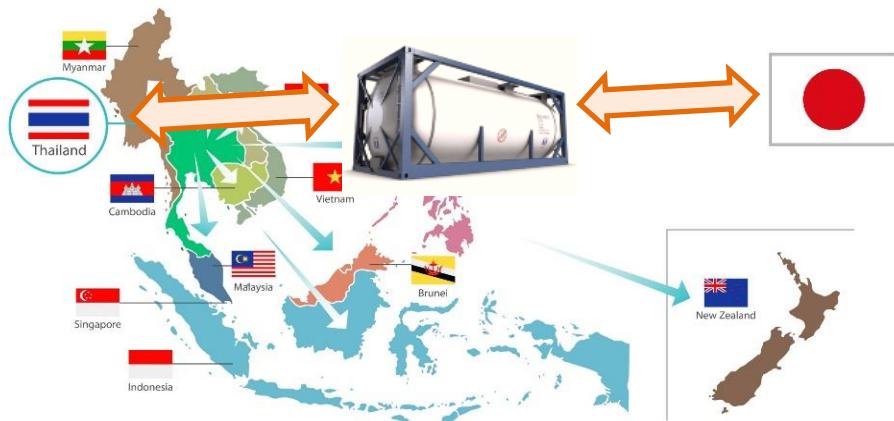


【Location】



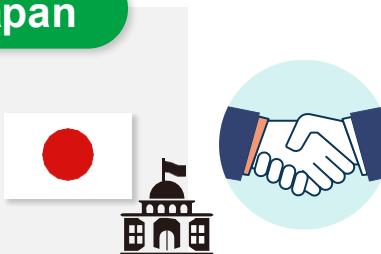
Project for Future Co-creation with the Global South,

- **Objective:** Support for Supply Chain Resilience
- **Adoption Period :** March 2025
- **Subsidy Amount:** Approximately 1.1 billion JPY
- **Subsidy Details:** Plant, ISO, main equipment
- **Demonstration Deadline:** March 31, 2028
- **Public Application Window :** JETRO



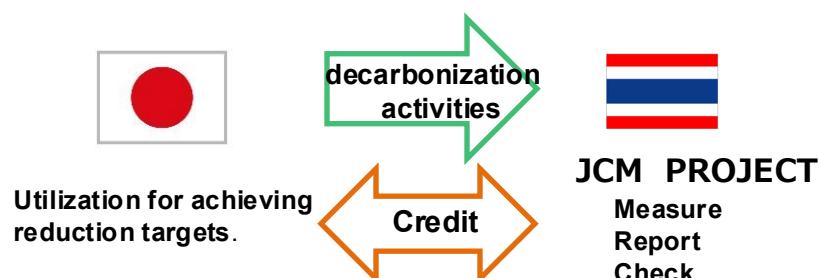
The beneficial effects for Japan

- ① Ensuring a stable source of CO₂ supply
- ② Reducing China-related risks



Infrastructure development survey project for the acquisition of bilateral credits, etc. (JCM feasibility study)

- **Objective:** Survey support for JCM acquisition
- **Adoption Period :** August 2025
- **Subsidy Amount:** Maximum 15 million JPY
- **Subsidy Details:** Survey/Investigation costs, Business trip expenses,
- **Demonstration Deadline:** January 2026
- **Public Application Window :** Mitsubishi UFJ Research and Consulting



The beneficial effects for Thai

- ① Securing a new source of CO₂ supply
- ② Building a sustainable industrial foundation
- ③ Alignment with the Thai government's BCG policy (Bio-Circular-Green Economy)

khob kun krub

Thank you so much for your attention

Iwatani
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