

September, 2024

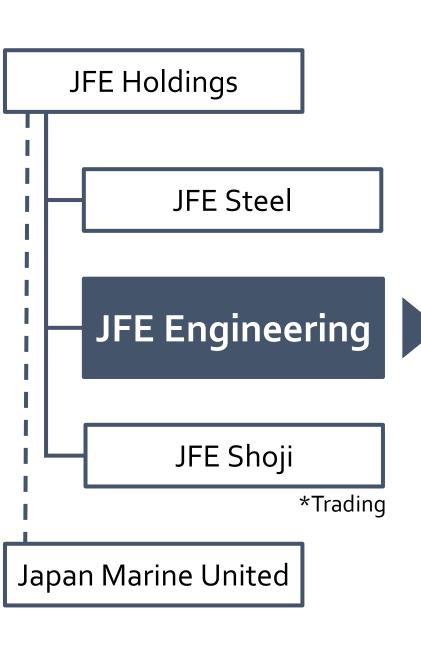
Enabling a Circular Society through Integrated Waste Solutions



JFE Engineering Corporation



■ JFE for sustainable cities and communities



Others 2.7%

Power Producer and Supplier Business

7.7%

Revenue(FY2023)

539.9billion JPY

Group-wide

Infrastructure

20.2%

Bridges, port and harbor facilities, cranes, logistics systems, etc.



Energy

23.5%

LNG terminal, pipelines, renewable energy, etc.



45.9%

Waste to energy plants, water treatment plants, etc.





Small water purification machine for the people in Ukraine



Odesa (donation via City of Yokohama)

Kherson Province (JICA)

Type $II \times 1$, Mizuhime $\times 10$

Type $II \times 1$, Mizuhime $\times 1$











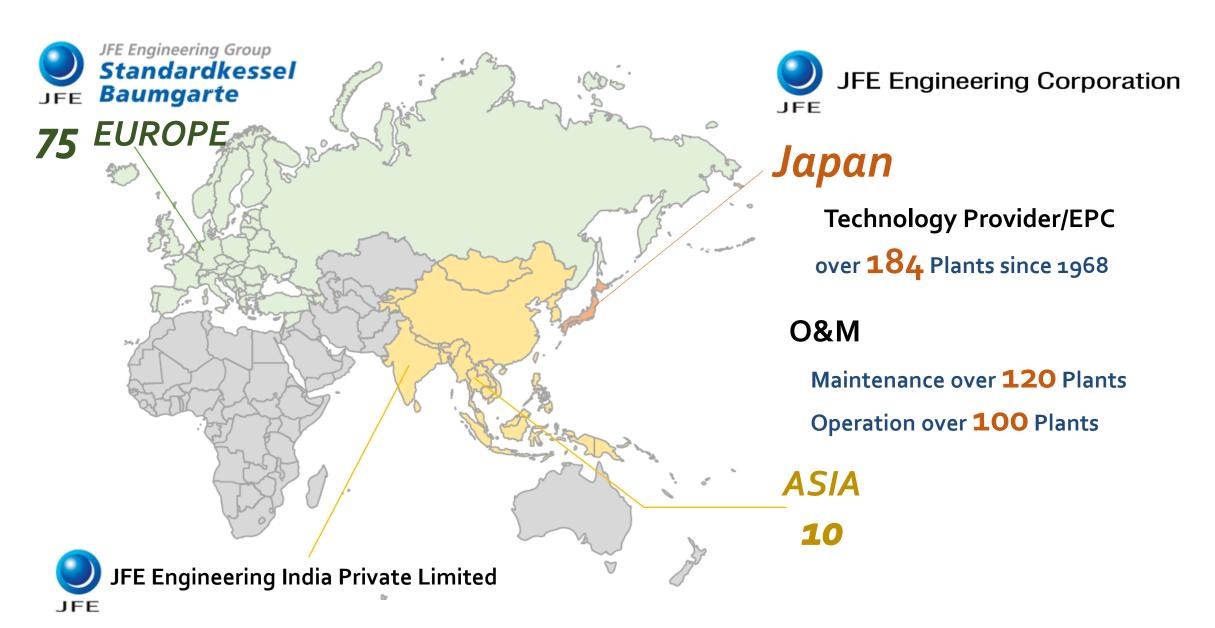








Waste to Energy Reference



Integrated waste management

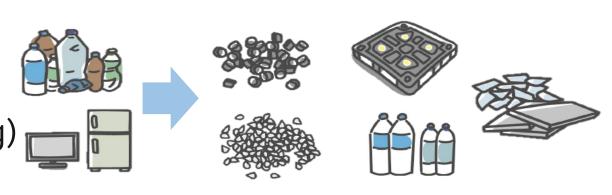
Waste to Energy (Incineration)



Food Waste Recycling (Methane Fermentation)



Material Recycling
(Plastic & Home Appliance Recycling)



4 Landfill Management







Recycle service network of JFE Engineering Group in Japan

JFE can provide solutions based on our experience in Japan.



Sapporo

Food Waste Recycling

Sendai

- Baling Plastic
- Plastic Recycling Pallet
- RPF Production
- Food Waste Recycling
- Fluorescent Lamp Recycling

Gunma

Solar Panel Recycling

Chugoku

- Recycling Pellet & Pallet
- RPF Production
- Baling Plastic
- Incineration (MSW-RDF)

Kyushu

- Food Waste Recycling
- Incineration (ISW)

Tokyo

Incineration & Power Generation (ISW)

Chiba

- Incineration (ISW)
- Food Waste Recycling

Kawasaki

- PET Bottle Recycling
- Home Appliance Recycling
- RPF Production
- Incineration & Power Generation (ISW)

Yokohama

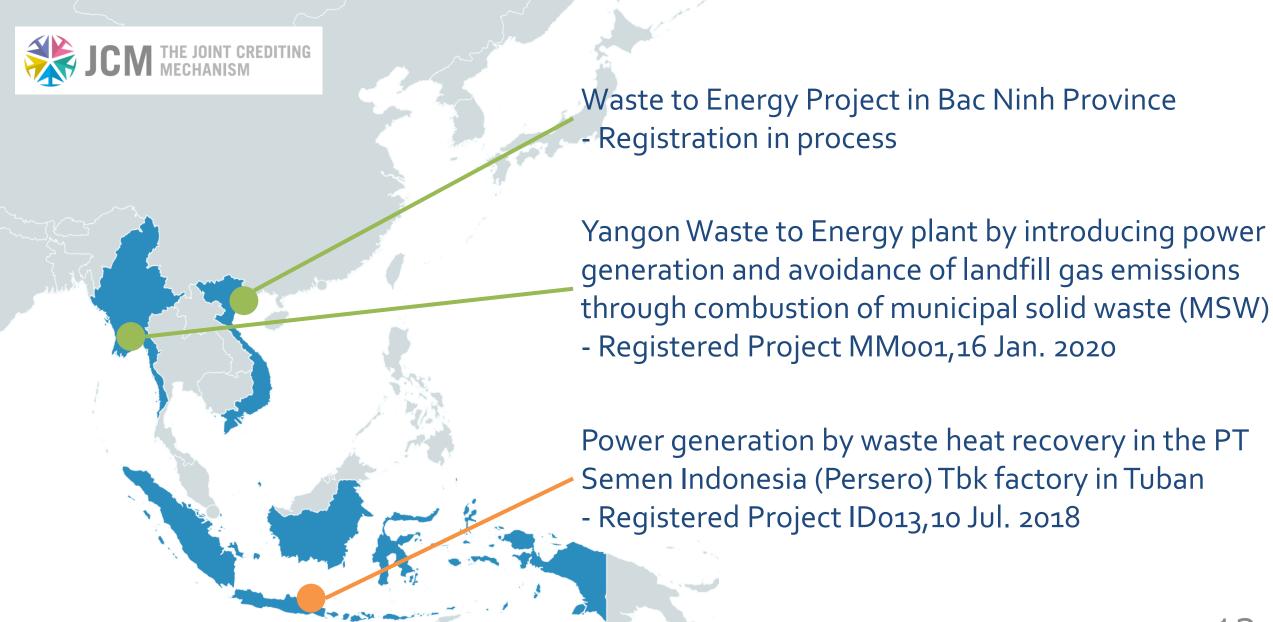
- Baling Plastic
- Food Waste Recycling
- Incineration & Power Generation (ISW)
- Fluorescent Lamp & Battery Recycling
- Waste Liquid Recycling

Nagoya / Tokai

- PET Bottle Recycling
- Food Waste Recycling



JCM project achievements by JFE Engineering







Financially supported as a Joint Crediting Mechanism (JCM) Model Projects by MOEJ, and IFC is providing a its financing package, Vietnamese local waste management company Thuan Thanh Environment and JFE are sharing the equity of the SPC.



JCM subsidy



Equity(55%)

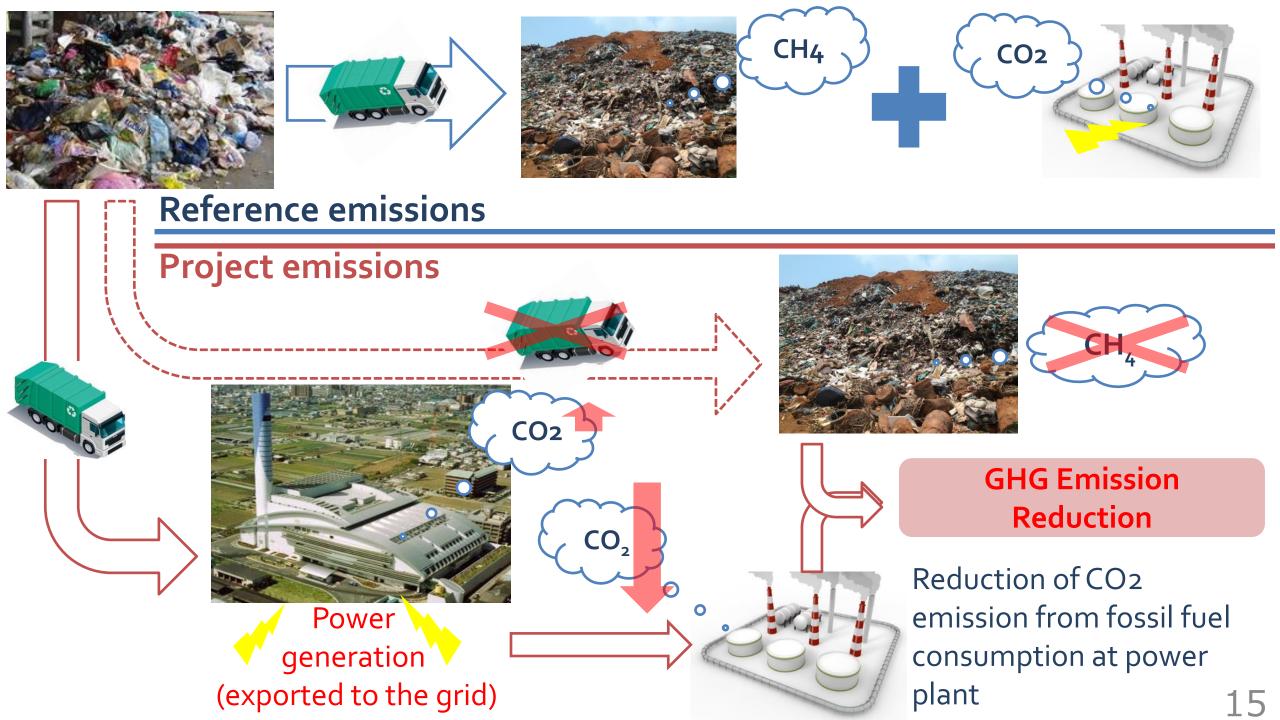


Equity(45%)



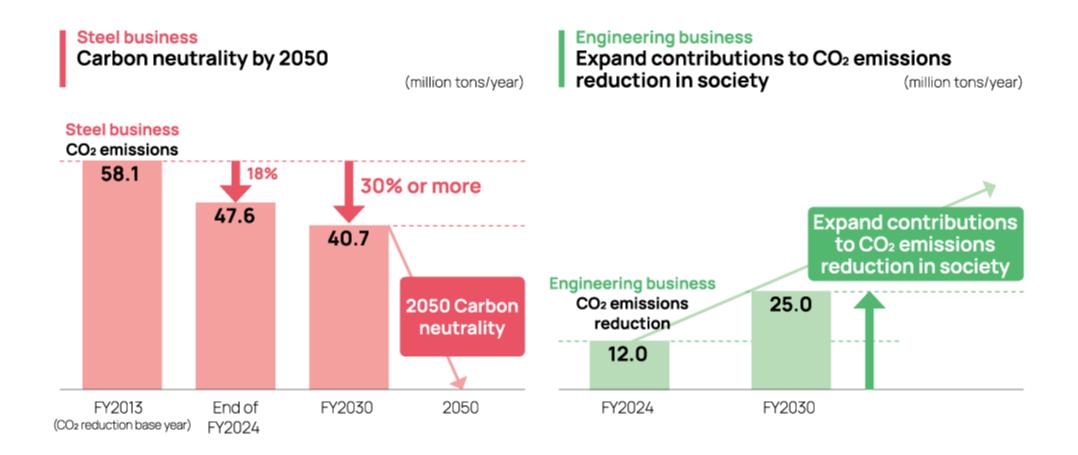
IFC Loan

+ Finland-IFC Blended Finance for Climate Program



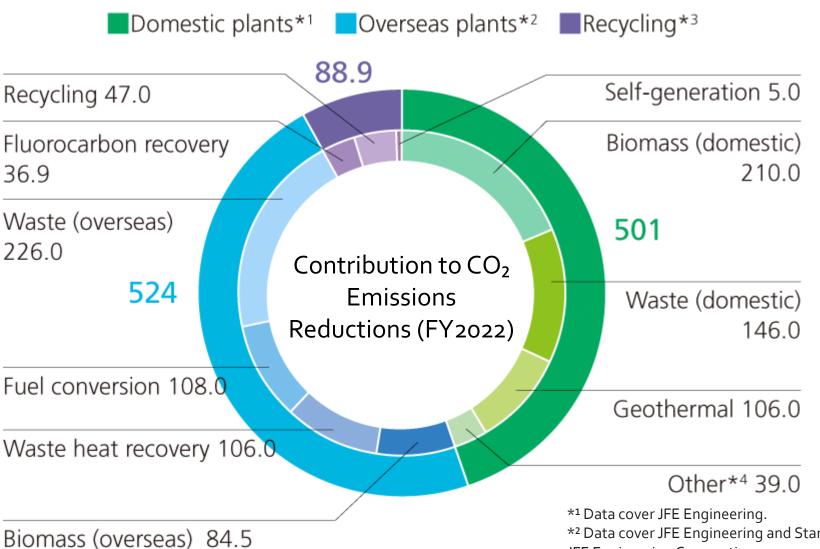


■JFE Group's Activities for Carbon Neutrality



■JFE Engineering's Contribution to Emissions Reduction

11,140,000 t-CO₂/y







^{*2} Data cover JFE Engineering and Standardkessel Baumgarte GmbH (SBG), a German subsidiary of JFE Engineering Corporation.

^{*3} Data cover J&T Recycling Corporation and JFE Urban Recycle Corporation.

^{*4} Other includes solar, wind, digestion gas, sludge incineration, PPA, and energy service



Just For the Earth

