

DISCUSSION PURPOSE ONLY



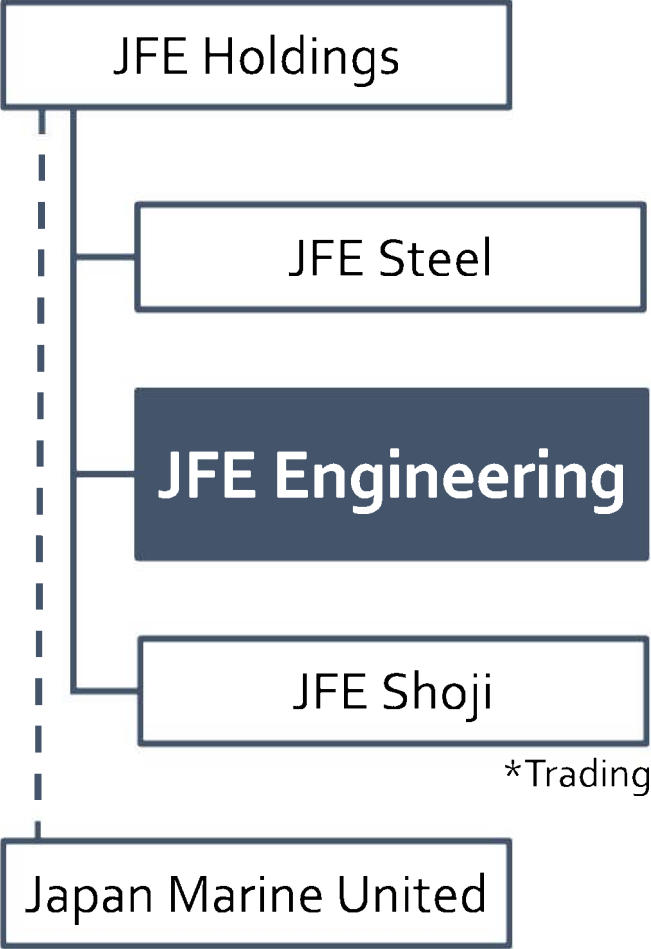
13 Nov. 2024

# Foundations of Life



JFE Engineering Corporation

# JFE for sustainable cities and communities



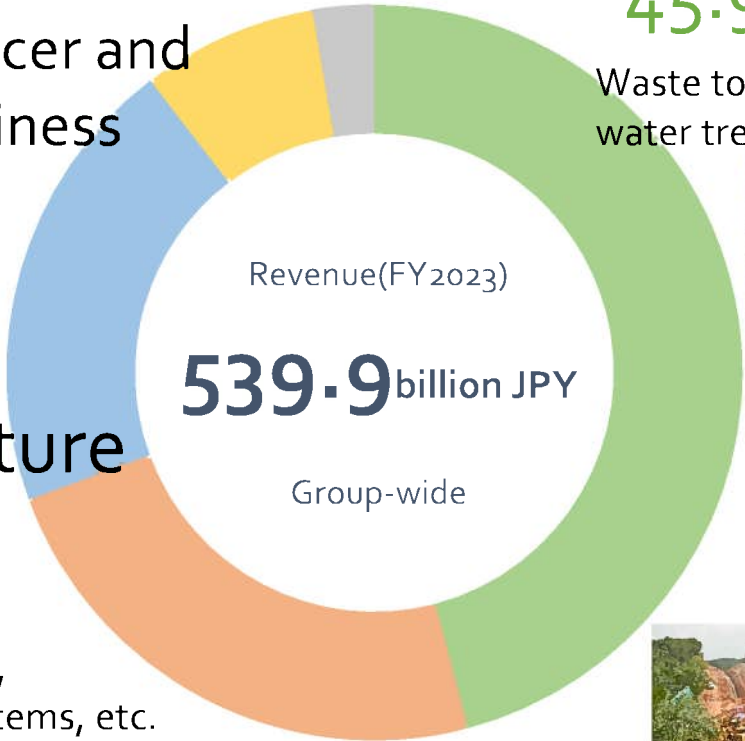
\*Trading

Others 2.7%

Power Producer and Supplier Business 7.7%

Infrastructure 20.2%

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



Revenue(FY2023)  
**539.9** billion JPY  
 Group-wide

Environment  
 45.9%

Waste to energy plants, water treatment plants, etc.



Energy  
 23.5%

LNG terminal, pipelines, renewable energy, etc.



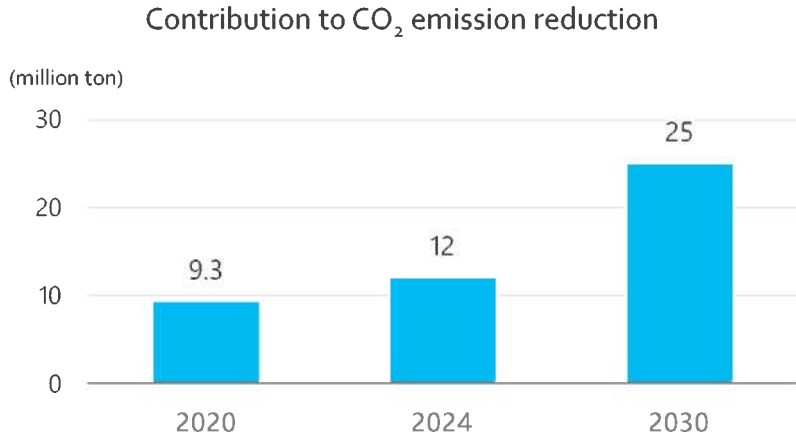
# ■ The future we aim for through our business

## Contribution to the Seven SDGs



## Contribution to the Reduction of CO<sub>2</sub> Emissions

In the field of renewable energy and carbon recycling, etc, we will strengthen our technological development and aim to contribute to the reduction of CO<sub>2</sub> emissions by 25 million tons per year.



# Five Initiatives for 2030 - Focusing on the Circular Economy

## Waste to Resource

- Solidifying the profit base of Waste to Energy plant business in Japan
- Investing in and expanding the recycling business\* nationwide  
\*Food, plastic, thermal recycling



## Combined Utility Service

- Contributing to energy conservation and decarbonization and switching to a combined business model that covers everything including operation of highly efficient facilities



## Carbon Neutral

- Focusing on renewable energy businesses (offshore wind-power/geothermal power)
- Developing and commercializing carbon recycling technologies



## Infrastructure

- Contributing to new technology to meet needs for resilient and long-lasting infrastructure  
→ Investing in new products, materials, and processes



## DX

- Promoting utilization of AI/IoT
- Leveraging DX to create new services
- Enhancing EPC/O&M with digital tools





**CH4 Emission**

**Pest, Odor, Fire, Water &  
Air Contamination**

**Global Warming**

**Pollution**

**Hazardous situations  
for the communities  
and local economies**

**Land Availability**

**Difficult to secure new  
Landfill space**



## Clean Authority of Tokyo, Meguro Waste Incineration Plant

Reduce environmental impact through proper disposal of waste

Power generation using waste heat from waste combustion



# Recycle service network of JFE Engineering Group in Japan

JFE can provide solutions based on our experience in Japan.



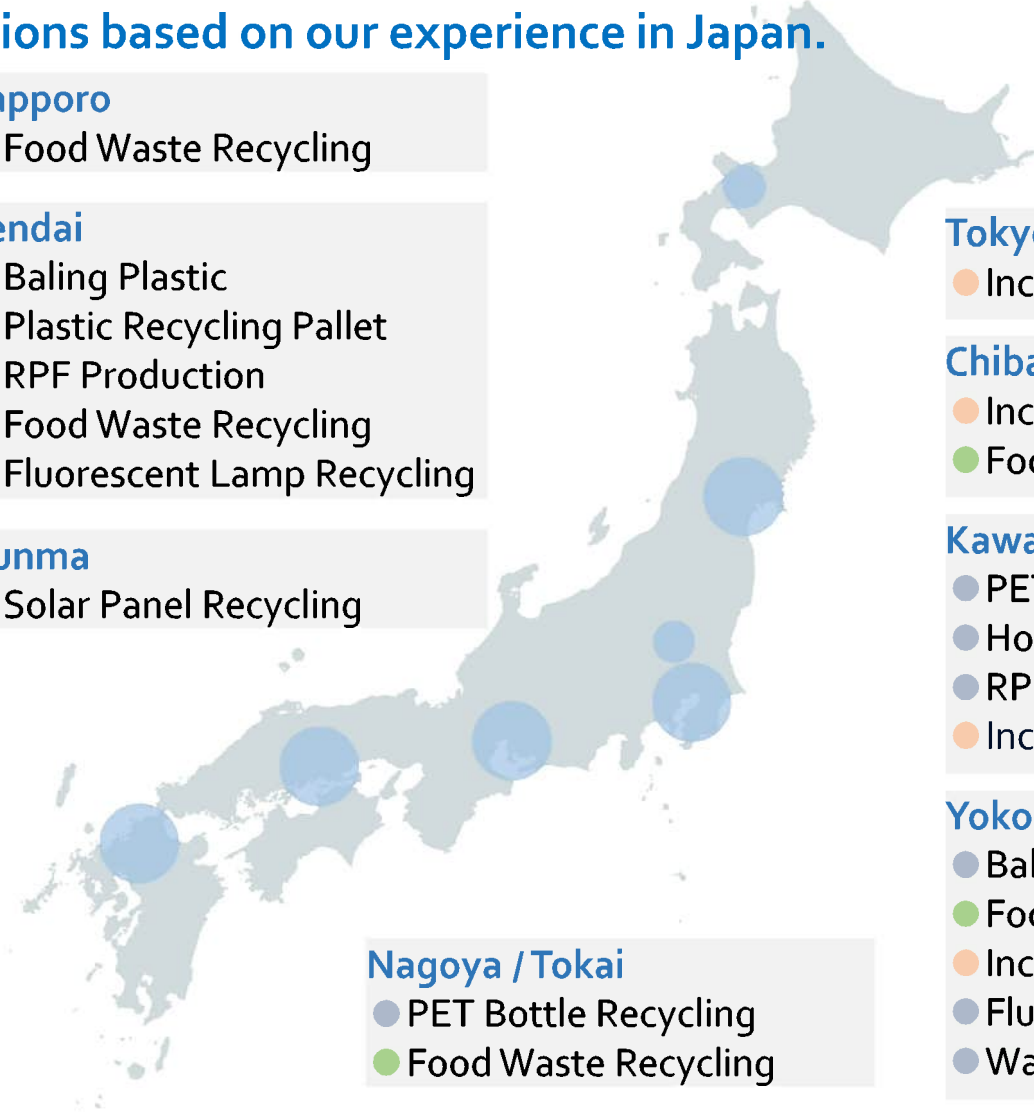
**Sapporo**  
● Food Waste Recycling

**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)



**Nagoya / Tokai**  
● PET Bottle Recycling  
● Food Waste Recycling

**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

# ■ Social coexistence activities



## Environment

We engage in the conservation of the global environment and contribute to the realization of a sustainable society.



## Disaster Prevention

As a company that provides various infrastructure services, we are committed to preventing and mitigating disasters in local communities.



## Local Community

As community members, we deepen our relationships with our host communities to contribute to their development and solve local issues.



## Creating Together Living Together



## Fostering the Next Generation

We provide opportunities to younger generations to learn through experience.





**Just For the Earth**