



J&T Recycling Corporation

(J&T Recycling Corporation)

<https://www.jt-kankyo.co.jp/en/>



Please feel free to contact us through our website



J&T Recycling Corporation



CEO Message



J&T Recycling Corporation was launched in April 2019 when JFE Kankyo Corporation and Tokyo Waterfront Recycle Power Co., Ltd. merged as a comprehensive environmental solutions company jointly run by the JFE Group and JERA Group.

By combining JFE Group's advanced recycling expertise and waste-to-energy technologies with JERA Group's top-class power plant operation know-how, our group strives to offer forward-thinking solutions that anticipate changes in the times while providing services with the highest levels of safety and reliability.

Recently, the realization of a circular economy has been promoted more strongly as a measure against global warming, and our group is also advancing our recycling and resource circulation businesses. We continuously challenge ourselves in new fields through services including "horizontal recycling" that reproduces used PET bottles into new PET bottles (Bottle-to-Bottle recycling), the "Double Recycling Loop" to turn food waste into energy and fertilizer, and making recycled products from the advanced sorting of used plastics.

Also, our group focuses on recycling based on the concept of "Local Production for Local Consumption" as one of our challenges, partnering with local public organizations and regional companies to realize an eco-friendly, decentralized, and self-reliant society.

Furthermore, taking measures against global warming is a global issue and not just a problem for Japan. We will continue to actively tackle issues overseas as well based on the know-how we have gained through efforts in Japan. Everyone within the J&T Recycling Group will continue to make a constant effort to leave a healthy global environment for the next generation. We thank you for your continued support and encouragement.

Please look forward to J&T Recycling's future endeavors.

President and CEO
Hiroyuki Haseba



Our Journey and Promise Toward the Future

Through the power of people and technology, we circulate resources, generate new value, and connect to a better future.

Shaping
a better future

Management Policy

1 Safety and Compliance

Safety First as our first priority, we undertake highly transparent activities and comply with laws and regulations. Building trusting relationships with our customers and local communities is a prerequisite to our business operations.

2 Horizontal Recycling

Contributing to the national and social goals of achieving a circular economy and net-zero emissions through "horizontal recycling" and advanced waste utilization to realize a sustainable society.

3 Local Production for Local Consumption Recycling

Contributing to local communities through nationwide regional offices and promoting efficient recycling that focuses on local production and local consumption.

4 Overseas Expansion

Strategic bases in Malaysia and Vietnam serve as platforms for Southeast Asian expansion, advancing the establishment of Recycling-Based Societies in emerging markets throughout the region.

5 Human Capital

Promoting diversity and supporting the growth and career development of each employee to enhance human potential.

2019

JFE Jera



Start of

J&T Recycling Corporation

Food recycling business

- SAPPORO BIO FOOD RECYCLING CORPORATION established
- Tohoku Bio Food Recycle Co., Ltd. established



Tohoku Bio Food Recycle

2020

Food recycling business

- FUKUOKA Bio Food Recycling Co., Ltd. established
- Bios Komaki Co., Ltd. joined the group

Plastic recycling business

- Dia Ecotech Hiroshima Co., Ltd. joined the group
- Start of PET bottle "horizontal recycling" business
- Kyoei J&T Recycling Corporation established
- Trial start for solar panel recycling



FUKUOKA Bio Food Recycling



Bios Komaki

2025

2023

Plastic recycling business

- J Circular system Corporation established
- Capital and business alliance with KANKYOU NO MIKATA Inc.

2021

Start of overseas business expansion

- Capital participation in Berjaya Group (Malaysia)

Company Profile

[Company name]

J&T Recycling Corporation

[Location of headquarters]

Kawasaki
Headquarters

Solid Square East Building 9F, 580 Horikawa-cho, Saiwai-ku, Kawasaki City, Kanagawa Prefecture, 212-0013, Japan
Tel: +81-44-330-9480 Fax: +81-44-511-1500

Yokohama
Headquarters

3-1 Benten-cho, Tsurumi-ku, Yokohama City, Kanagawa Prefecture, 230-0044, Japan

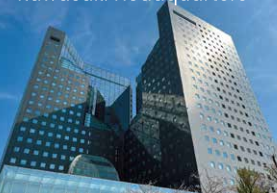
[President and CEO] Hiroyuki Haseba

[Shareholders] JFE Engineering Corporation, JERA Co., Inc.

[Business description]

Total recycling business: industrial waste treatment, municipal waste treatment on commission, environmental measurement certification
Total logistics business: industrial waste collection and transportation, municipal waste collection and transportation, general freight transportation

Kawasaki Headquarters



1977 established
Name changed to JFE Kankyo Corporation in 2003

1996
Start of waste management business

2002

- Tokyo Waterfront Recycle Power Co., Ltd. established

2017

Entered home appliance recycling business

- JFE Urban Recycle Corporation joined the group

2016

Start of food waste recycling business

- J Bio Food Recycle Corporation established

Locations

Chugoku and Shikoku Area

Hiroshima

Plastic container and packaging recycling

Fukuyama

Recycled plastic pallets
Raw material/fuel recycling

Kure

Kneading & ash recycling

Kurashiki

Incineration
Wooden waste recycling

Kyushu Area

Fukuoka

Food recycling

Omuta

Incineration and power generation

Kinki and Tokai Area

Tsu

PET bottle recycling

Komaki

Food recycling

Overseas Waste Incineration Business

Vietnam

Incinerator operations (Bac Ninh)

Malaysia

Environs of Kuala Lumpur

Hokkaido Area

Sapporo

Food recycling

Tohoku Area

Sendai

Plastic container and packaging recycling
Recycled plastic pallets
Raw material/fuel recycling
Food recycling

Kanto Area

Isesaki

Solar panel recycling

Tokyo

Incineration and power generation
Medical waste treatment
Confidential media treatment

Kawasaki

Incineration and power generation
Medical waste treatment
PET bottle recycling
Plastic container and packaging recycling
Raw material/fuel recycling
Home appliance recycling

Yokohama

Incineration and power generation
Medical waste treatment
Plastic container and packaging recycling
Liquid, sludge, and beverage waste recycling
Dry cell and battery recycling
Solid and mixed waste recycling
Food recycling

Chiba

Food recycling

List of Sales Offices

Hokkaido Area

● Hokkaido Office

Tohoku Area

● Sendai Office

Kanto Area

● Kawasaki Head Office

● North Kanto Office

● Tokyo Office

● Chiba Office

● Logistics Office

Kinki and Tokai Area

● Nagoya Office

● Osaka Office

Chugoku and Shikoku Area

● Fukuyama Office

● Kurashiki Office

● Iwakuni Office

Kyushu Area

● Kyushu Office

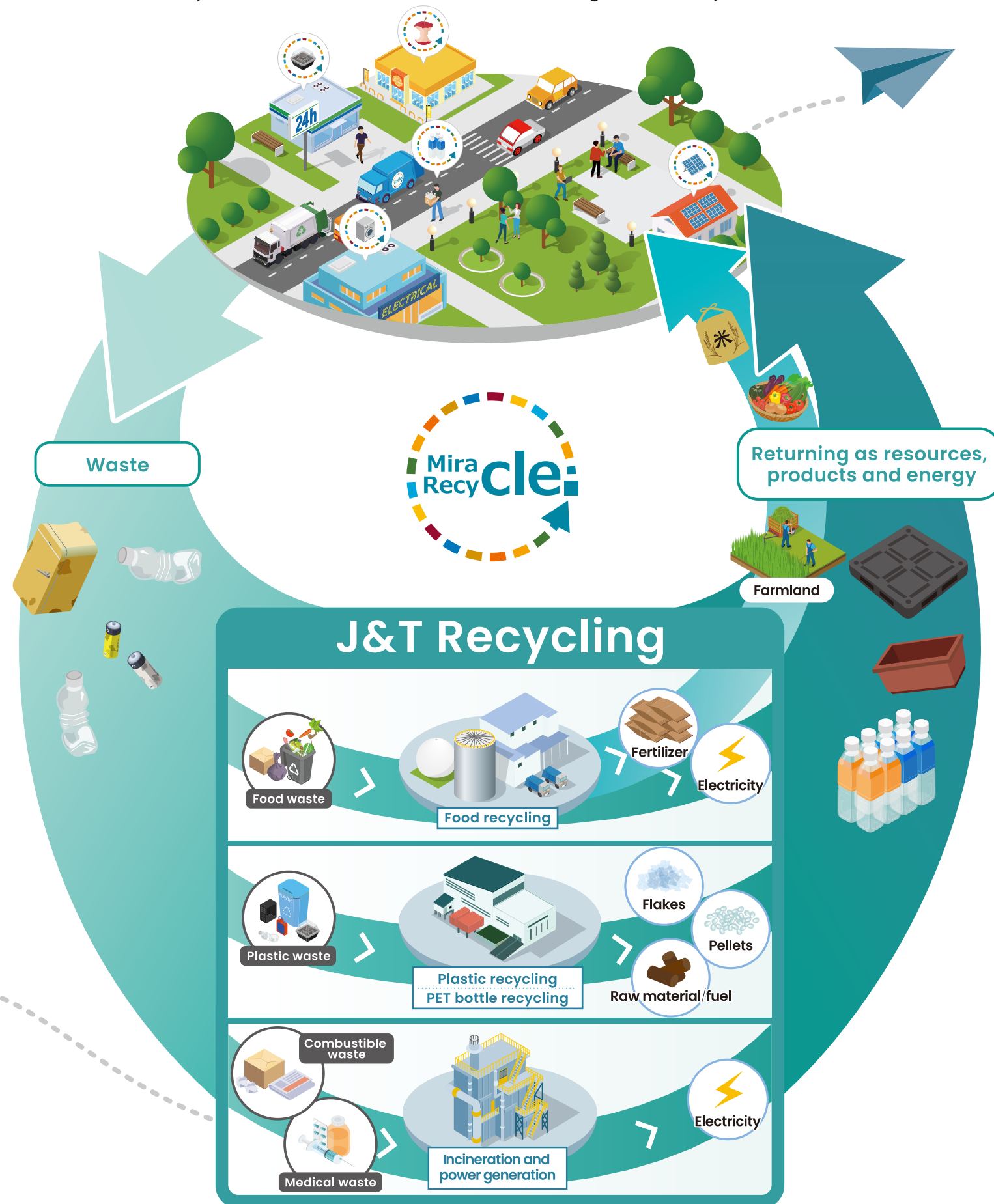
● Sasebo Office

Okinawa Area

● Okinawa Office

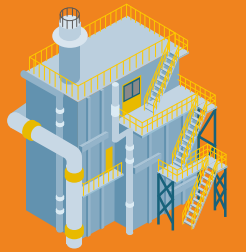
"Miracle Recycle." Connecting a Recycling-Based Society

J&T Recycling aims for a future where small recycling loops grow larger and expand throughout the world. Waste from our daily lives becomes resources that return to us through "Miracle Recycle."



Incineration and Power Generation

The amount of waste generated by the manufacturing and healthcare sectors continues to grow annually, making proper disposal crucial for sustainability. J&T Recycling operates one of the Greater Tokyo Area's largest thermal recycling networks, maximizing energy recovery from diverse waste streams.



Points

- Capable of a wide range of waste processing
- Implements advanced emission control systems
- Provides locally-generated electricity from waste treatment
- Strategic locations in Greater Tokyo Area reduce transport costs and contributes to the local economy

Promoting Local Production for Local Consumption Recycling

Converting waste energy into electricity for local use. Beyond providing cost-efficient local power, JFE Group offers electricity discount programs (Electricity Creation Returning®)*. This circular resource model reduces environmental impact while energizing communities.

* "Electricity Creation Returning®" is a service provided by Urban Energy Corporation, a JFE Group PPS (power producer and supplier). Discounts correspond to the volume of waste provided by each customer.



Process



Locations

Kanto Area

[Tokyo]

Tokyo Waterfront Eco Clean

(Fluidized-bed gasification and melting furnace/vertical furnace)
Confidential media disposal services also provided

Treatment capacity: 550 t/day (275 t/day × 2 furnaces)
Infectious waste treatment capacity: maximum of 100 t/day (50 t × 2 processing systems)



Kanto Area

[Kawasaki]

Kawasaki Eco Clean

(Kiln/stoker type furnace)

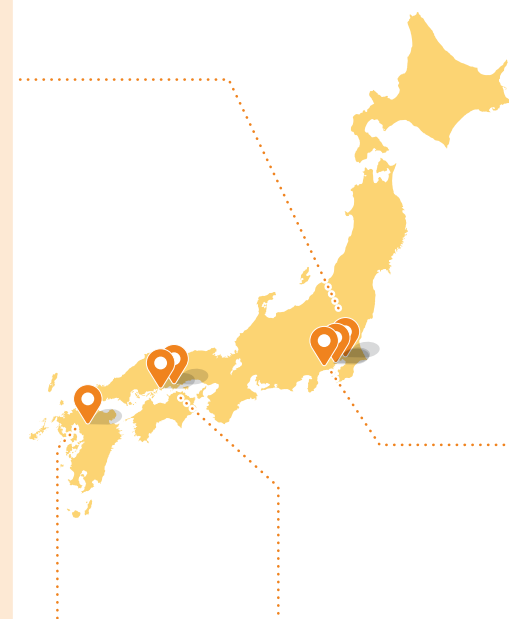
Treatment capacity: 241.7 t/day
Spray can crushing capacity: 6.5 t/day
Infectious waste treatment capacity: 20 t/day

[Yokohama]

Yokohama Eco Clean

(Kiln/stoker type furnace)

Treatment capacity: 219.9 t/day
Infectious waste treatment capacity: 26.9 t/day



Chugoku and Shikoku Area

[Fukuyama]

Fukuyama Incineration Plant

Treatment capacity: 85.2 t/day

[Kurashiki]

Kurashiki Incineration Plant

Treatment capacity: 94.8 t/day

Kurashiki Recycling Plant

Converting wood waste into steam and carbon products
Treatment capacity: 60 t/day

Kyushu Area

[Omuta]

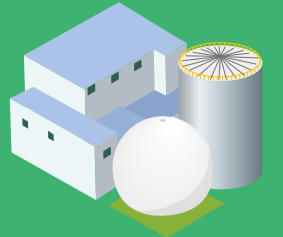
Omuta Recycle Power Co., Ltd.

Power generation business using RDF (refuse-derived fuel)

Treatment capacity : RDF: 315 t/day

Food Recycling

Japan faces significant food waste challenges that consume substantial energy. J&T Recycling Group transforms food waste into resources, promoting sustainability through localized recycling systems.



Points

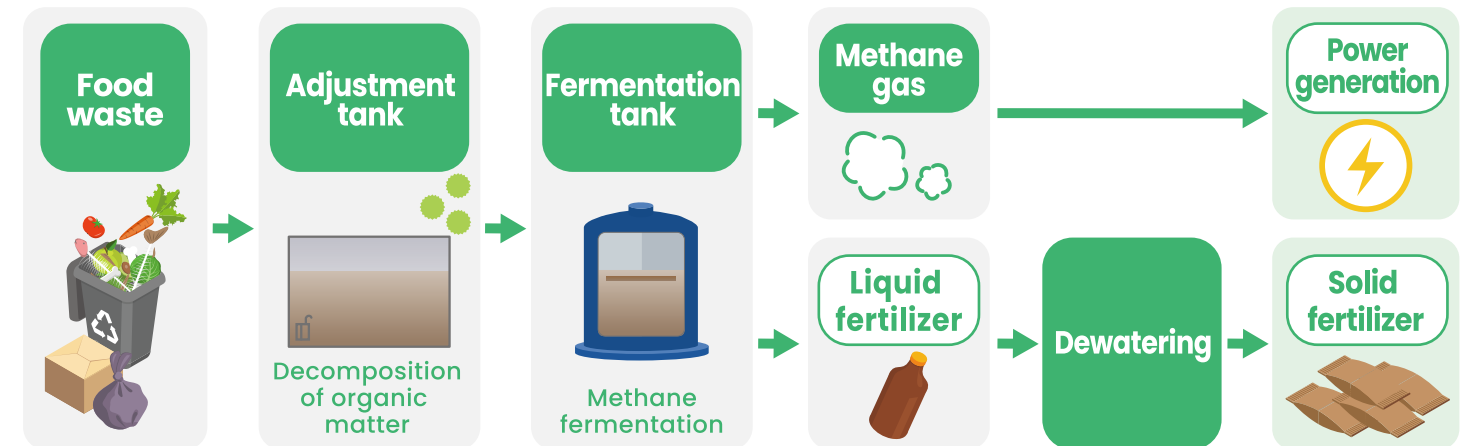
- Promoting a "double recycling loop" that converts food waste into electricity and fertilizer
- Processes contaminated food waste efficiently
- Maintains six periurban facilities for localized recycling networks

"Double Recycling Loop"

Converting food waste to biogas electricity while transforming fermentation residue into fertilizer. Generated power returns to customers through waste-volume-based discount programs (Electricity Creation Returning®), enhancing resource efficiency.



Process



Locations

Kinki and Tokai Area

[Komaki]

Bios Komaki Co., Ltd.



Treatment capacity: 120 t/day

Kyushu Area

[Fukuoka]

FUKUOKA Bio Food Recycling Co., Ltd.



Treatment capacity: 100 t/day

Kanto Area

[Yokohama]

J Bio Food Recycle Corporation

Treatment capacity: 120 t/day

Address: 2-1-5 Suehiro-cho,

Tsurumi-ku, Yokohama City

Collaborated business between JFE Group and JR East Group

[Chiba]

Chiba Biogas Center/Soga Bio Power Corporation

Treatment capacity: 65 t/day



Investing Companies



JFE Engineering Corporation
J&T Recycling Corporation



East Japan Railway Company
(JR East)



JR East Environment
Access Co., Ltd.
(member of JR East Group)

Hokkaido Area

[Sapporo]

SAPPORO BIO FOOD RECYCLING CORPORATION

Treatment capacity: 100 t/day



Tohoku Area

[Sendai]

Tohoku Bio Food Recycle Co., Ltd.

Treatment capacity: 40 t/day



Plastic Recycling

Improperly disposed plastics harm ecosystems and marine environments. J&T Recycling Group employs advanced sorting and recovery technologies to transform waste plastics into high-quality products, helping to create a low-impact recycling-based society.



Points

- Matches waste plastic properties with optimal material, chemical, or thermal recycling techniques
- Operates a nationwide collection-to-sales recycling network through strategic partnerships

Implementing All Types of Plastic Recycling

1

Intermediate Treatment Business
(Sorting and Baling)

2

Recycling Business for Used Plastic Products

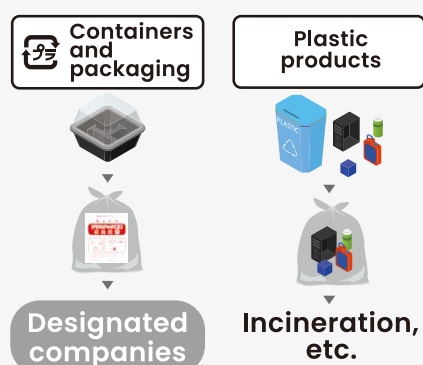
3

Raw Material and Fuel Recycling Business

1st in Japan! Ministerial Certification (Sendai City)

In 2022, the Plastic Resource Circulation Act was enforced. Sendai City and J&T's recycling plan obtained Ministerial Certification. J Circular system in Kawasaki City now works with multiple municipalities on circulation networks.

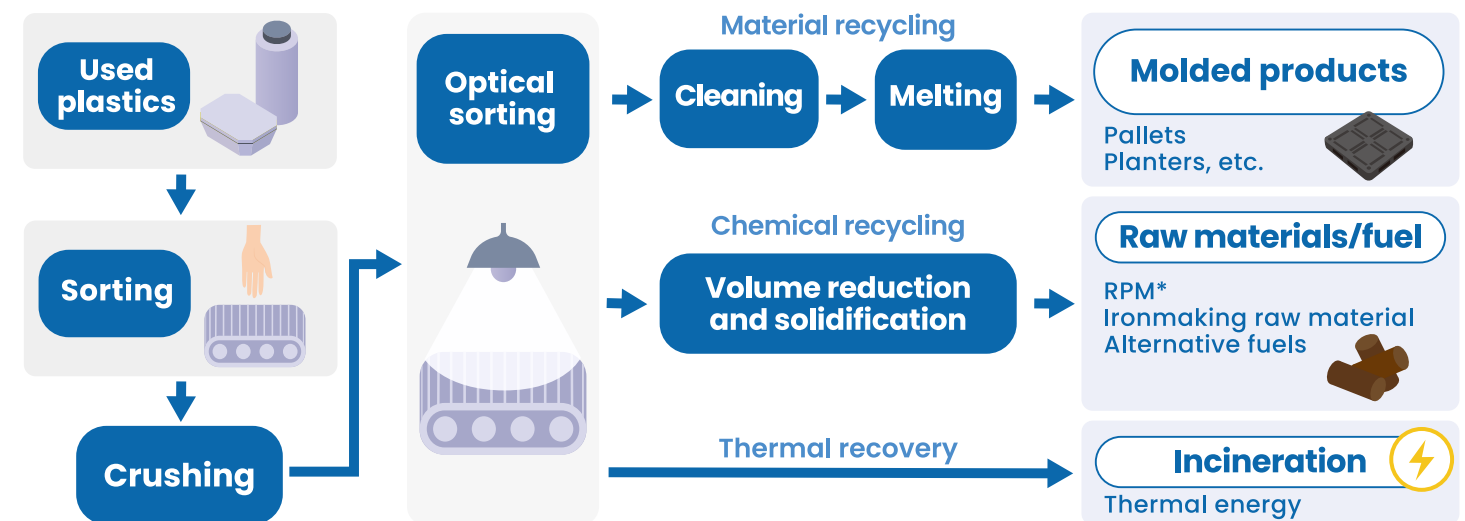
Prior to certification



After certification



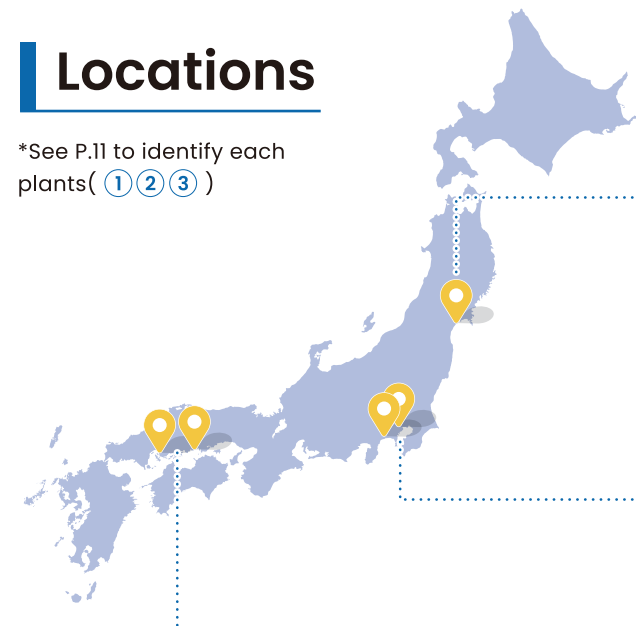
Process



*Recycled Plastic Material

Locations

*See P.11 to identify each plants(① ② ③)



Tohoku Area

[Sendai]

Sendai Bale Processing Plant ①

Sendai Plastic Recycling Plant (pallet production) ②

Rifu Plant (RPF production) ③

Kanto Area

[Yokohama]

Yokohama Plastic Recycling Plant ①

[Kawasaki]

J Circular system Corporation ② ③

Treatment capacity: 200 t/day
Address: 5-1 Mizue-cho, Kawasaki-ku, Kawasaki City

One of the largest plastic recycling plants in Japan. JCS processes household and commercial plastic waste into raw materials with its unique recycling system.



Chugoku and Shikoku Area

[Fukuyama]

Fukuyama PM Recycling Plant ②

Pallet Plant ②

Fukuyama RPF Plant ③

[Hiroshima]

Dia Ecotech Hiroshima Co., Ltd. ①

PET Bottle Recycling

J&T Recycling Group's original technology transforms traditionally challenging labeled or contaminated PET bottles into high-quality raw materials. This enables genuine Bottle-to-Bottle recycling that advances circular economy principles.

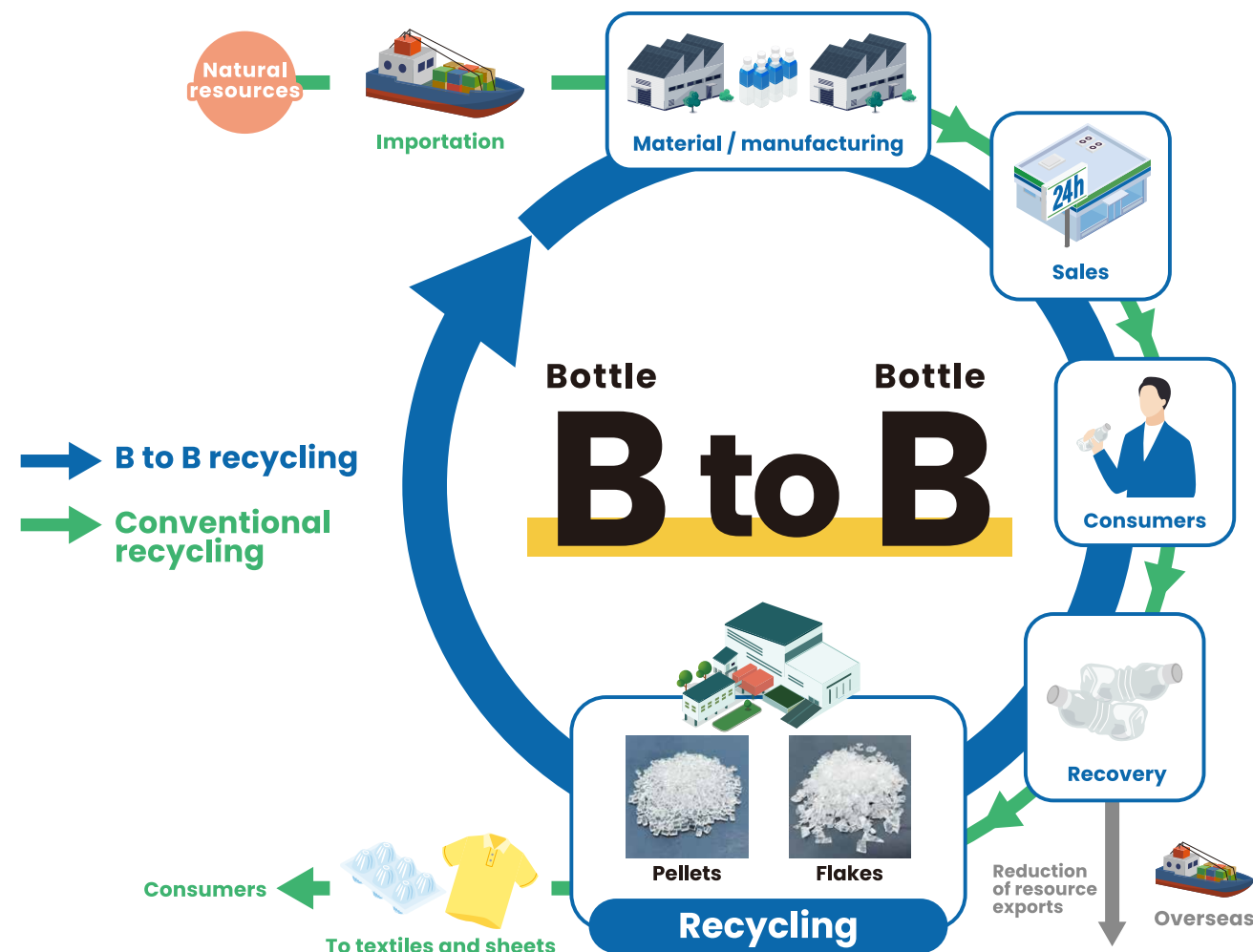


Points

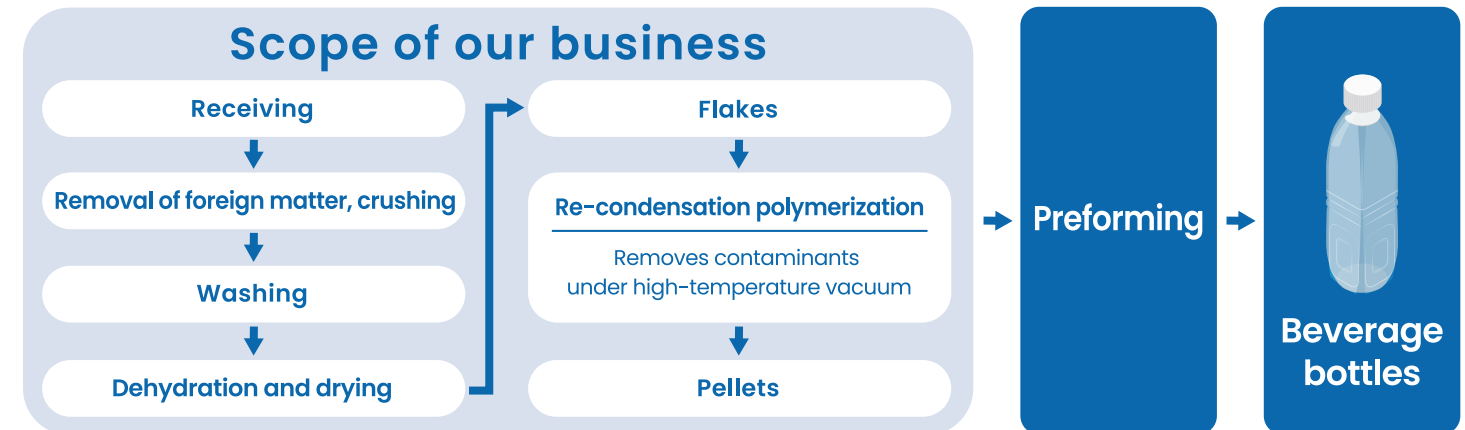
- Achieves 100% recycling through internal utilization of all process residuals
- Meets the beverage industry's stringent standards via original cleaning technology
- Reduces carbon footprint

Nationwide Bottle-to-Bottle Recycling System

Bottle-to-Bottle recycling turns used PET bottles back into new bottles. Unlike conventional recycling where PET bottles were recycled into things like fibers and trays before eventual disposal, Bottle-to-Bottle recycling maintains quality while enabling repeated PET bottle recycling.



Process



Locations



Kanto Area

[Kawasaki]

Kawasaki PET Bottle Recycling Plant

Treatment capacity: 15,000 t/year



Kinki and Tokai Area

[Tsu]

Kyoei J&T Recycling Corporation

Treatment capacity: 60,000t/year
Address: 1 Kumozukokan-cho, Tsu City, Mie Prefecture

An advanced PET bottle recycling plant producing virgin-equivalent pellets through high-temperature vacuum purification that simultaneously removes contaminants and restores material properties.



Processes 10% of Japan's total volume

Investing Companies

JFE J&T Recycling Corporation

KYOEI Kyoei Industry Co., Ltd.

SEVEN & I SEVEN & I Holdings Co., Ltd.

CO₂ Reduction Effect

42,480 t/year **Minus 63%**

Compared to production from crude oil*

*Calculated by Mitsubishi UFJ Research and Consulting Co., Ltd., based on data published by Kyoei Industry Co., Ltd.

Comprehensive Solutions Business

From consulting to recycling,
resolve any client issues for sustainability



Points

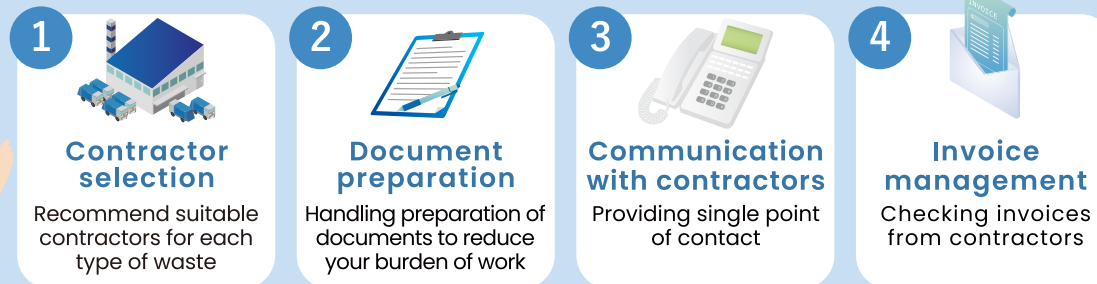
- Custom waste processing solutions
- Nationwide coverage
- Responsive on-site support teams

J&T Recycling covers all your needs!



Benefits for Waste Generators

Consolidated Management



Focus on your business without waste management concerns

Consolidated On-site Management

- Efficient collection schedule

- Data compilation
- Problem analysis and solutions



- Maintained orderly storage
- Safe and efficient loading work

Other

- ① Electronic Contracts
- ② Manifest Management
- ③ Payment Proxy

Disaster Waste Management

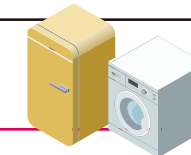
The Disaster Response Project Section coordinates with local governments and communities to provide rapid waste management services following disasters.



J&T Recycling's Recycling Initiatives

J&T Recycling engages in a wide range of businesses to address the diverse challenges faced by our customers

Home Appliance Recycling



Under the Home Appliance Recycling Law (TVs, air conditioners, refrigerators, washing machines), achieving industry-leading 97% resource recovery through expert processing.

JFE Urban Recycle Corporation

Treatment capacity: 740,000 units/year
Address: 6-1 Mizue-cho, Kawasaki-ku, Kawasaki City



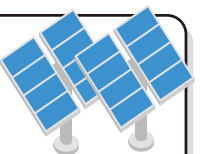
Liquid, Sludge, and Beverage Waste Recycling



Processing diverse waste through tailored, eco-friendly methods for optimal volume reduction and detoxification.

[Plant Location] Yokohama City, Kanagawa Prefecture

Solar Panel Recycling



Achieving a 100% recycling rate for damaged and deformed solar panels through specialized processing.

[Plant Location] Iseaki City, Gunma Prefecture

Solid and Mixed Waste Recycling



Achieving a 96% recycling rate for mixed plastic/metal machinery through advanced sorting technology.

[Plant Location] Yokohama City, Kanagawa Prefecture

Kneading & Ash Recycling



Neutralizing hazardous waste through a specialized kneading process for landfill or soil regeneration, with customized treatments.

[Plant Location] Kure City, Hiroshima Prefecture

Dry Cell and Battery Recycling



Safe handling process of neutralization and recycling from collection to processing.

[Plant Location] Yokohama City, Kanagawa Prefecture

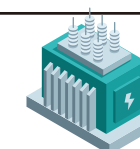
Collection, Transportation and Freight Services



Nationwide waste collection and transportation powered by the JFE Group's integrated capabilities.

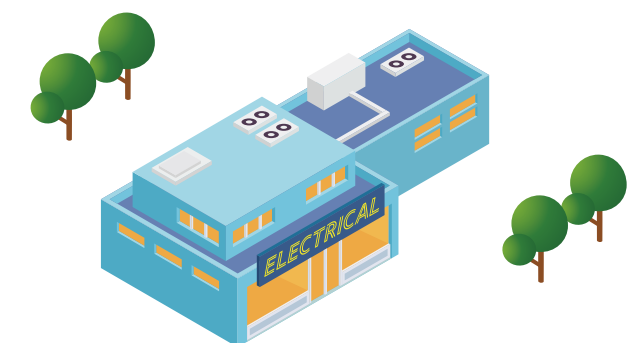
[Business Offices] Yokohama City, Kanagawa Prefecture and Iseaki City, Gunma Prefecture

Polychlorinated Biphenyl (PCB) Treatment



Comprehensive waste assessment and treatment nationwide, maintaining superior safety standards.

[Business Office] Kawasaki City, Kanagawa Prefecture



Linking resources to tomorrow—for the public and for businesses

ESG Activities

Building a sustainable society by prioritizing:

Environmental

Social

Governance

Pursuing sustainable growth with stakeholders through environmental stewardship, human resource development, and community integration to fulfill our corporate social responsibility.



Forest Regeneration



Supporting the Kanagawa Prefectural Government's "Forest Regeneration Partnership" through volunteer pruning activities in Minamishigara City forests.

Coastal Cleanups



Preserving coastal beauty for future generations through coastal cleanup projects in Tokyo, Sendai, Fukuyama, and other locations.

Eco Learning for Kids



Teaching children about recycling through interactive quizzes and crafts at elementary schools and community events.

Certifications and Accreditations

We have obtained 3 certifications and 1 accreditation.

Y-SDGs Superior
(Yokohama City:
July 29, 2022)



Kawasaki SDGs Gold Partner
(Kawasaki City:
August 24, 2022)



Kanagawa SDGs Partner
(Kanagawa Prefecture:
December 22, 2022)



Sendai Eco Nico Gold Meister
(Sendai City: April 1, 2023)



The Meaning Behind Our Logo

The tagline incorporates colors representing J&T's 8 SDG goals.



Hidden Potential of Recycling

Our technology connects resources to the future.
Our team constantly challenges conventional limits.
Our commitment to recycling's miracles remains unwavering.

Through "Miracle Recycle."
J&T advances a recycling-based society.