RENATUS

www.renatus-group.co.jp

RENATUS

CORPORATE PROFILE

We unite several companies for tackling global environment problems.

A number of companies from across Japan,
who share high aspirations and possess leading technologies,
have come together to create a new business entity.
Our goal is to reduce the load on the global environment
and to solve management issues affecting the entire country.

The name “RENATUS” signifies “rebirth” and “re-creation”.
It denotes that the participating companies will be reborn,
and seek to resolve the issues faced by and to re-create local communities,
Japan’s industrial structure, and even the global environment.

RENATUS

RENATUS

We have entered an age in which it is no longer possible to consider societal issues independently of the environment.
Examples include decarbonization, global warming countermeasures,
reducing the environmental burden of societal and economic activities, and sustainable economic growth.
Modern human lifestyles emit vast amounts of carbon dioxide and have caused environmental destruction on a global scale;
this, in turn, has resulted in climate change, natural disasters, and loss of biodiversity.
By drawing on the strengths of each of its subsidiaries, the RENATUS Group intends to proactively provide novel solutions
to combat these global environmental issues.
Indeed, at RENATUS, our goal is to become a leading Japanese provider of environmental solutions.

RENATUS Co., Ltd.

SANWA Group

SANWA TECHNOS Corporation
SANWA GIKEN Co., Ltd.
SANWA CHUBU Inc.

SINCERE Corporation

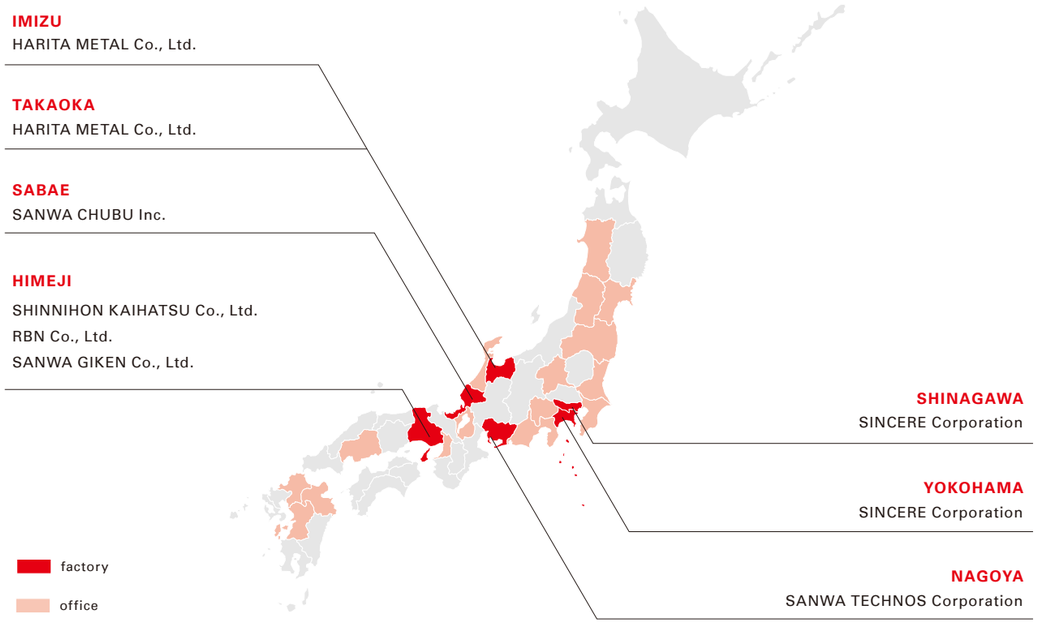
SHINNIHON KAIHATSU Group

SHINNIHON KAIHATSU Co., Ltd.
RBN Co., Ltd.

HARITA METAL Co., Ltd.

area

Combining the reach of each of its subsidiaries, the area covered by the RENATUS Group stretches
from the Tohoku region in the northeast to Kyushu in the southwest.



field

The RENATUS Group seeks to provide products and services of the highest quality in wide-ranging environmental fields.
We also intend to actively research and develop new technologies and innovative systems,
to provide even greater benefit to society.

Recycling and Waste Disposal

At RENATUS, we recycle and dispose of waste and scrap generated through our customers' business activities. We react swiftly to changes in laws, regulations, and social trends, cater to the varying needs of our customers, and use optimal methods to carry out the recycling, resource recovery, and final disposal of waste in a responsible manner.

Incineration and Melting

Mixing and Adjusting, Neutralizing, and Oil Separation

Crushing and Sorting
◎Recycling Metals
◎Recycling Household Appliances

Environmental Infrastructure and Building Maintenance Business

Our meticulous services cater to all manner of customer needs for maintaining comfortable working environments. Examples include everyday cleaning, maintenance, and repairs to floors and plumbing; management of plants, trees, and other green spaces; and deep cleaning of chairs, carpets, and other furnishings. We also possess the expertise and experience required for cleaning cleanrooms.

Consulting Business

We offer comprehensive support for the management aspects of recycling and disposing of waste and metals, including reducing customer risk, lowering costs, and lightening administrative loads. We also draw on our nationwide network of trustworthy partners to propose optimal processing flows for our customers.

SANWA TECHNOS Corporation

www.sanwatech.co.jp

サンワ技研 株式会社

SANWA GIKEN Co., Ltd.

www.sanwa-giken.jp

株式会社 サンワ中部

SANWA CHUBU Inc.

sanwachubu.co.jp

Overview of Group Companies

Company Name:
SANWA TECHNOS Corporation

Headquarters:
3 Shiomicho, Minato-ku, Nagoya-shi,
Aichi, Japan 455-0028
Tel: 052-612-3105 Fax: 052-612-3115

Established:
June 2008

Business:
◎Intermediate Processing of Industrial Waste
◎Collection and Transportation of Industrial Waste
◎Consulting
◎Sales of Petroleum Products

Capital:
35 million yen

Representative Director and CEO:
Tomohiro Kito

Company Name:
SANWA GIKEN Co., Ltd.

Headquarters:
2-8 Nittocho, Handa-shi,
Aichi, Japan 475-0033

Established:
January 1978

Business:
◎Intermediate Processing of Industrial Waste
◎Collection and Transportation of Industrial Waste
◎Consulting
◎Treatment of Contaminated Soil

Capital:
95.5 million yen

Representative Director and CEO:
Hideaki Sakurai

Company Name:
SANWA CHUBU Inc.

Headquarters:
1-7 Nittocho, Handa-shi,
Aichi, Japan 475-0033

Established:
January 2008

Business:
◎Intermediate Processing of Industrial Waste
◎Collection and Transportation of Industrial Waste
◎Consulting

Capital:
10 million yen

Representative Director and CEO:
Shigeki Iwasaki

Business Overview

Recycling and Waste Disposal

Operating primarily in the Tokai, Hokuriku, and Kansai regions, the SANWA Group uses optimal methods to treat and recycle liquid, sludge, and solid forms of industrial waste and specially controlled industrial waste, as well as contaminated soil.

◎Waste Management

Waste-to-Fuel

We mix high-calorie materials such as waste grease and waste solvents with low-calorie materials such as waste alkali, and recycle them into fuel alternatives to coal. We carefully ascertain the properties of the waste, how it reacts after being mixed, and give ample consideration to safety.
We use continuous flow centrifugation to remove impurities from mineral oil and convert it into recycled fuel equivalent to heavy oil.

Waste Liquid Treatment

We mix waste acids and waste alkalis, adding chemicals to adjust the formula of the mix where necessary.
After adjusting, the mix is used to regulate the temperature of our incinerators and firing furnaces; it is also used as a low-calorie material in our waste-to-fuel business.

Recycling of Sludge and Other Materials

We mix sludge, particulate matter, and other materials—adding chemicals where necessary—adjust the water content and formula of the mix, and reuse it as a raw material in the cement and civil engineering industries.

Group Plants	Treatment Methods and Capacities
SANWA TECHNOS	Mixing and emulsification: 160 m³ per day (8 hours) Oil-water separation: 28 m³ per day (8 hours) Neutralization: 48 m³ per day (8 hours) Cutting and separation: 2.3 t per day (8 hours) Reforming and sorting: 1,540 m3 per day (24 hours)
SANWA GIKEN Himeji Plant	Mixing and adjusting: 120 m³ per day Kneading: 416 m³ per day Mixing and neutralizing: 47.3 m³ per day (tank); 2.7 m³ per day (kneader)
SANWA CHUBU Sabae Plant	Mixing and adjusting: 528 m³ per day (8 hours) Neutralization: 45 m³ per day (8 hours) Separating, mixing, and adjusting: 90 m³ per day (9 hours)
SANWA CHUBU Odaka Plant	Neutralization: 48 m³ per day (8 hours)

◎Contaminated Soil Treatment

The 2003 Soil Contamination Countermeasures Act was revised in April 2010, to prevent the spread of contamination due to improper processing of contaminated soil; under the revised Act, soil contamination processing businesses were required to obtain operational permits.
Via its nationwide soil contamination processing network, SANWA GIKEN Himeji Plant works to resolve issues related to contaminated land. Its purification facilities use drum washers and other equipment to clean and purify contaminated soil.
The turbid water used to clean the soil is treated using turbid water treatment machines, then reused to clean further contaminated soil.
At the plant's sorting facilities, contaminated soil is sorted through a combination of vibrating screens, magnetic separators , and hand sorting. After its water content has been adjusted, the treated soil is then reused as a raw material for cement.

Group Plants	Treatment Facility Types and Capacities
SANWA GIKEN Himeji Plant	Purification facilities (purification (extraction–purification treatment)): 30 m³ per hour; 360 m³ per day (12 hours) Sorting facilities (removing foreign substances, and adjusting moisture content): 40 m³ per hour; 960 m³ per day (24 hours)

Consulting Business

Drawing on our recycling network of waste and contaminated soil processing partners, we propose treatment methods optimized for the needs of our customers.
We provide comprehensive support for industrial waste. This includes tank and pit cleaning, facility improvements, waste treatment, and safe operations.

Plant Locations

SANWA TECHNOS	
	3 Shiomicho, Minato-ku, Nagoya-shi,
	Aichi, Japan 455-0028
	Tel: 052-612-3105 Fax: 052-612-3115
SANWA GIKEN	
Himeji Plant	3059-21 Aza Horai, Nakashima, Shikama-ku,
	Himeji-shi, Hyogo, Japan 672-8035
	Tel: 079-233-1011 Fax: 079-233-7555
SANWA CHUBU	
Sabae Plant	1-301-25 Miyukicho, Sabae-shi,
	Fukui, Japan 916-0015
	Tel: 0778-51-9123 Fax: 0778-51-9121
Nagoya Plant	3 Shiomicho, Minato-ku, Nagoya-shi,
	Aichi, Japan 455-0028
	Tel: 052-612-3805 Fax: 052-612-3825
Odaka Plant	66-5 Torashinden, Odakacho, Midori-ku,
	Nagoya-shi, Aichi, Japan 459-8001

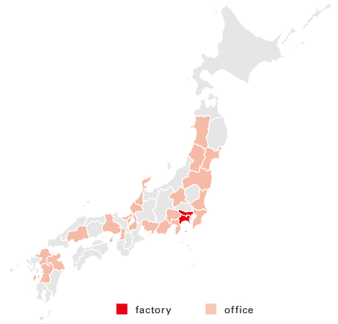
Permit Acquisition Status

As of November 30, 2023

SANWA TECHNOS	
Industrial Waste Disposal Service	Nagoya City: Permit No. 06420146830 **Permitted Items:** Cinders, Sludge, Waste Grease, Waste Acid, Waste Alkali, Waste Plastics, Paper Waste, Wood Waste, Fiber Waste, Metal Scrap, Glass Scrap, Concrete Waste, Ceramic Waste, Slag, Debris, and Dust
Specially Controlled Industrial Waste Disposal Service	Nagoya City: Permit No. 06470146830 **Permitted Items:** Waste Grease, Waste Acid, and Waste Alkali
Industrial Waste Collection and Transportation Service	Four Prefectures and One Municipality
Specially Controlled Industrial Waste Collection and Transportation Service	Three Prefectures and One Municipality
SANWA GIKEN	
Industrial Waste Disposal Service	Himeji City: Permit No. 07023003532 **Permitted Items:** Cinders, Sludge, Waste Grease, Waste Acid, Waste Alkali, Waste Plastics, Slag, And Dust
Specially Controlled Industrial Waste Disposal Service	Himeji City: Permit No. 07073003532 **Permitted Items:** Waste Grease, Waste Acid, and Waste Alkali
Industrial Waste Collection and Transportation Service	21 Prefectures
Specially Controlled Industrial Waste Collection and Transportation Service	21 Prefectures
Contaminated Soil Processing Business	Himeji City: Permit No. 13010010001
SANWA CHUBU	
Industrial Waste Disposal Service	Fukui Prefecture: Permit No. 01820140765 **Permitted Items:** Cinders, Sludge, Waste Grease, Waste Acid, Waste Alkali, Waste Plastics, Paper Waste, Wood Waste, Metal Scrap, Slag, and Dust Nagoya City: Permit No. 06420140765 **Permitted Items:** Waste acid and Alkali
Specially Controlled Industrial Waste Disposal Service	Fukui Prefecture: Permit No. 01870140765 **Permitted Items:** Sludge, Waste Grease, Waste Acid, and Waste Alkali Nagoya City: Permit No. 06470140765 **Permitted Items:** Waste Acid and Alkali
Industrial Waste Collection and Transportation Service	20 Prefectures
Specially Controlled Industrial Waste Collection and Transportation Service	18 Prefectures

sincere
株式会社シンシア
SINCERE Corporation

www.sincerehq.com



Company Overview

Company Name:
SINCERE Corporation

Headquarters:
Omori Bellport D 6F, 6-26-3 Minamioi,
Shinagawa-ku, Tokyo, Japan 140-0013
Tel: 03-3764-5300 Fax: 03-3764-5347

Established:
February 1969

Business:
◎Resource Cycle ◎Recycling
◎Environmental and Building Maintenance
◎Consulting

Capital:
1.03 billion yen (as of March 31, 2023)

Representative Director and CEO:
Yosuke Masuda

Business Overview

Recycling and Waste Disposal

◎Resource Cycle (RC) and Recycling

SINCERE uses its array of incineration, melting, crushing, and compacting facilities to process unwanted ICT equipment and waste generated from business activities. Recognizing that waste processing facilities capable of processing waste in a proper and safe manner are crucial in the Tokyo metropolitan area, which generates vast quantities of waste, we offer 24-hour, 365-day services for the processing of industrial waste, infectious and other forms of specially controlled industrial waste, and municipal waste from business activities.

SINCERE Shinagawa R·C Center

Situated in Shinagawa in the heart of the Tokyo metropolitan area, Shinagawa R·C Center is an urban waste processing facility capable of the incineration, melting, and final disposal of waste.
The Center was one of the first facilities in Japan to feature melting facilities capable of melting incineration bottom ash (IBA) at high temperatures, and turning it into molten slag; this allows the IBA to be converted into recycled construction materials, instead of being sent to landfill as was usually the case.

Treatable Waste
Municipal Waste from Business Activities
Industrial Waste
Specially Controlled Industrial Waste

Incinerator Type
Kiln-stoker Incinerator

Incineration Capacity
Two Incinerators, Each Capable of 65 t per 24 Hours
Total Incineration Capacity of 130 t per 24 Hours

Melting Furnace Type
Rotating Surface Melting Furnace

Melting Capacity
Two Furnaces, Each Capable of 25 t per 24 Hours
Total Melting Capacity of 50 t per 24 Hours

Generator Type
Steam Turbine Generator

Generation Capacity
One 990 kW unit

SINCERE Yokohama R·C Center

Established in 2009, the Yokohama R·C Center is an incineration facility located in Kanazawa Ward, Yokohama. Conforming to the latest environmental regulations, the Center is capable of properly processing a variety of industrial waste. It is also capable of converting waste heat generated during the incineration process to electricity, with any surplus electricity being sold.

Treatable Waste
Industrial Waste
Specially Controlled Industrial Waste

Incinerator Type
Kiln-stoker Incinerator

Incineration Capacity
Two Furnaces, Each Capable of 186 t per 24 Hours
Total Melting Capacity of 372 t per 24 Hours

Generator Type
Steam Turbine Generator

Generation Capacity
One 6,000 kW unit

Crushing Capacity
80 t per day (9 hours)

SINCERE Shinagawa Recycle Center

The Shinagawa Recycle Center specializes in recycling ICT equipment, with the aim of maximizing resource recovery. Unwanted and waste items are disassembled, sorted, crushed, and compacted; the majority of items are recycled for use in new products.

Main Items Handled
Desktop Computers, Laptop Computers, LCD displays, Tablets, POS cash Registers, Printers, Servers, Hard Disks, Office Furniture, and Various ICT equipment

Environmental Infrastructure and Building Maintenance Business

Our support for environmental improvements covers everything from cleaning and maintenance and repairs, to waste processing and recycling. In this way, we help to create and maintain comfortable working environments for our customers, and enable them to continue their business activities in a stable manner.
We offer all manner of services, including everyday cleaning, maintenance, and repairs to floors and plumbing; management of plants, trees, and other green spaces; and deep cleaning of chairs, carpets, and other furnishings. We also possess the expertise and experience required for cleaning cleanrooms.
Our trustworthy network of regional centers across Japan serve as operational hubs to deliver our wide-ranging services.

Consulting Business

We offer comprehensive consulting services that cater to the wide-ranging needs of our customers, providing support for the administrative aspects of waste and unwanted goods, including reducing customer risk, lowering costs, and lightening administrative loads.
Through our nationwide network, we seek to propose optimal solutions for the issues faced by our customers by lightening environmental loads and maximizing resource recovery.

Plant Locations

Shinagawa	
	3-2-10 Yashio, Shinagawa-ku, Tokyo, Japan 140-0003
	Tel: 03-3799-5430 Fax: 03-3799-5305
	SINCERE Shinagawa R·C Center
	3-2-11 Yashio, Shinagawa-ku, Tokyo, Japan 140-0003
	Tel: 03-3799-5374 Fax: 03-3799-5375
	SINCERE Shinagawa Recycle Center
	3-2-10 Yashio, Shinagawa-ku, Tokyo, Japan 140-0003
	Tel: 03-3799-5357 Fax: 03-3799-5307
Yokohama	
	SINCERE Yokohama R·C Center
	1-10-4 Sachiura, Kanazawa-ku, Yokohama-shi,
	Kanagawa, Japan 236-0003
	Tel: 045-770-5333 Fax: 045-770-5343
Regional Centers	
	30 Regional Centers Across Japan (as of June 30, 2023)


SINCERE
Shinagawa R·C Center


SINCERE
Yokohama R·C Center


SINCERE
Shinagawa Recycle Center

Permit Acquisition Status

As of June 30, 2023

Industrial Waste Disposal Service	Tokyo Metropolitan Government: Permit No. 1320003072 **Permitted Items:** Cinders, Sludge, Waste Grease, Waste Acid, Waste Alkali, Waste Plastics, Paper Waste, Wood Waste, Animal and Plant Remains, Solid Animal Waste, Metal Scrap, Glass Scrap, Concrete Waste, Ceramic Waste, Dust, and Waste as Defined by "Article 2-13" of the Act on Waste Management and Public Cleansing
	Yokohama City: Permit No. 05620003072 **Permitted Items:** Cinders, Sludge, Waste Grease, Waste Acid, Waste Alkali, Waste Plastics, Paper Waste, Wood Waste, Fiber Waste, Animal and Plant Remains, Solid Animal Waste, Rubber Scrap, Metal Scrap, Glass Scrap, Concrete Waste, Ceramic Waste, and Dust
Specially Controlled Industrial Waste Disposal Service	Tokyo Metropolitan Government: Permit No. 1370003072 **Permitted Items:** Waste Grease, Waste Acid, Waste Alkali, Infectious Medical Waste, Cinders, Sludge, and Dust
	Yokohama City: Permit No. 05670003072 **Permitted Items:** Waste Grease and Infectious Medical Waste
Industrial Waste Collection and Transportation Service	31 Prefectures
Specially Controlled Industrial Waste Collection and Transportation Service	25 Prefectures
Municipal Waste Disposal Service	Shinagawa City: Permit No. 1223
Municipal Waste Collection and Transportation Service	Three Municipalities
Secondhand Goods Dealer	Permit No. 301139803729
Special Construction Business	Tokyo Governor License: No. (Toku-4) 115360 Scaffolding and Earthwork Business, and Painting Business
	Tokyo Governor License: No. (Toku-5) 115360 Demolition Contractor


A Rotary Kiln at SINCERE Yokohama R·C Center

THE ROAD TO SUSTAINABILITY
新日本開発株式会社
SHINNIHON KAIHATSU Co., Ltd.

www.eco-snk.jp

RBN RECYCLE BUSINESS NETWORK
株式会社 アール·ビー·エヌ
RBN Co., Ltd.

rbn.jp

Overview of Group Companies

Company Name:
SHINNIHON KAIHATSU Co., Ltd.

Headquarters:
3059-2 Nakashima, Shikama-ku,
Himeji-shi, Hyogo, Japan 672-8035
Tel: 079-234-5005 Fax: 079-235-9111

Established:
December 1972

Business:
◎Industrial Waste Processing
◎Recycling and Energy Creation
◎Industrial Waste Collection and Transportation
◎Analysis and Consulting

Capital:
12 million yen (as of June 30, 2023)

Representative Director and CEO:
Keiji Yoshida

Company Name:
RBN Co., Ltd.

Headquarters:
3059-20 Nakashima, Shikama-ku,
Himeji-shi, Hyogo, Japan 672-8035
Tel: 079-243-1200 Fax: 079-243-1202

Established:
August 1999

Business:
◎Recycling Household Appliances

Capital:
300 million yen (as of June 30, 2023)

Representative Director and CEO:
Keiji Yoshida

Business Overview

Recycling and Waste Disposal

◎Industrial Waste Processing (SHINNIHON KAIHATSU)

Since its establishment in 1972, SHINNIHON KAIHATSU has carried out the intermediate processing of industrial waste, specially controlled industrial waste, and municipal waste using a combination of incineration, mixing, crushing, and oil-water separation processes.
We own five furnaces, which have a combined processing capacity of approximately 400 t per day. The waste we collect is first mixed and adjusted before being deposited into our incinerators, enabling us to specialize in processing waste that cannot easily be processed by standard methods.
Our newest Furnace No.5 has received certification as a "heat recovery facility."

Furnace No.1	**Incinerator Type** Rotary kiln-stoker furnace **Incineration Capacity** 72 t per day
Furnace No.2	**Incinerator Type** Rotary kiln-stoker furnace **Incineration Capacity** 72 t per day, with heat recovery
Furnace No.3	**Incinerator Type** Multiple hearth furnace **Incineration Capacity** 72 t per day
Furnace No.4	**Incinerator Type** Rotary kiln-stoker furnace **Incineration Capacity** 93.6 t per day, with heat recovery **Power Output** 270 kW (turbine output of 520 kW)
Furnace No.5	**Incinerator Type** Special step grate stoker furnace **Incineration Capacity** 93.6 t per day **Heat Recovery Ratio** 22.4 % **Power Output** 1,900 kW

◎Recycling and Energy Creation (SHINNIHON KAIHATSU)

Recycling Waste for Use in Cement

Drawing on the expertise we have accumulated over many years, we ensure our mixing processes conform to the relevant standards so that our recycled waste can be used as raw materials and fuel for cement.
We also recycle the burnt ash generated by our incineration facilities into raw materials and fuel for cement.

Heat Recovery and Power Generation

The waste heat from our incineration process is used to turn steam turbines and generate electricity in a process known as "thermal recycling." This is the same process as used at thermal power plants but, since our turbines are powered by waste heat, our thermal recycling helps to reduce greenhouse gas emissions. Indeed, our Furnace No.5 is capable of generating 1,900 kW of electricity through waste heat alone.
The power generation capabilities of our furnaces allows us to be grid-independent—meaning that we do not depend on commercial power supplies for our electricity needs. As such, we can continue to receive and process waste even during power outages in times of disaster and other emergencies.

◎Industrial Waste Collection and Transportation (SHINNIHON KAIHATSU)

Our fleet of 16 vehicles—including tank trucks, dump trucks, wing-body trucks, and full-trailer trucks—allows us to collect and transport waste according to the properties of the waste and the needs of our customers.
During our collection and transportation activities, not only do we conform to all relevant laws and regulations, we also promote anti-idling and other eco-driving measures.
Our own collection and transportation services cover 16 prefectures, centered around the Kansai region. However, we also utilize a wider network of partners to propose optimal solutions for waste transportation and processing to our customers in other regions.

◎Household Appliance Recycling (RBN)

We have received approval as a recycling business for products manufactured by Group B companies, according to the Act on Recycling of Specified Home Appliances that came into force in 2001. We use a combination of crushing and sorting processes to recover and recycle iron, aluminum, copper, and other resources from four types of household appliances: air conditioners, televisions, refrigerators, and washing machines.
We receive a total of 800,000 units of waste household appliances per year, and we recover and forward more than 90% of these appliances as recyclable materials.

Consulting Business (SHINNIHON KAIHATSU)

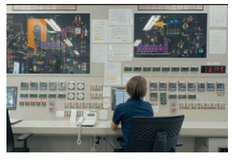
We offer one-stop solutions to the waste problems faced by our customers. We collect waste samples from our customers, subject them to scientific analysis, and identify the risks to and impacts on our customers' facilities during processing; based on the results of the above, our analysis, sales, and processing specialists work together to formulate safe and optimal processing methods for our customers.

Plant Locations

SHINNIHON KAIHATSU Headquarters Plant
3059-2 Nakashima, Shikama-ku,
Himeji-shi, Hyogo, Japan 672-8035
Tel: 079-234-5005 Fax: 079-235-9111

SHINNIHON KAIHATSU Ako Plant
1513 Nakamizuo, Aza, Orikata, Ako-shi, Hyogo,
Japan 678-0254
(located inside Sumitomo Osaka Cement Co., Ltd. Ako Plant)
Tel: 0791-45-0531 Fax: 0791-45-0531

RBN
3059-20 Nakashima, Shikama-ku,
Himeji-shi, Hyogo, Japan 672-8035
Tel: 079-243-1200 Fax: 079-243-1202



Permit Acquisition Status

As of November 30, 2023

SHINNIHON KAIHATSU	
Industrial Waste Disposal Service	Himeji City: Permit No. 07021005542 **Permitted Items:** Sludge, Waste Grease, Waste Acid, Waste Alkali, Waste Plastics, Paper Waste, Wood Waste, Fiber Waste, Animal and Plant Remains, Rubber Scrap, Metal Scrap, Glass Scrap, Concrete Waste, Ceramic Waste, Animal Bodies, and Waste as Defined by "Article 2-13" of the Act on Waste Management and Public Cleansing
Specially Controlled Industrial Waste Disposal Service	Himeji City: Permit No. 07071005542 **Permitted Items:** Waste Grease, Waste Acid, Waste Alkali, and Infectious Medical Waste
Industrial Waste Collection and Transportation Service	16 Prefectures
Specially Controlled Industrial Waste Collection and Transportation Service	12 Prefectures
Municipal Waste Management Business	Himeji City: Permit No. 19
Municipal Waste Collection and Transportation Service	Aioi City: Permit No. 5 Shiso City: Permit No. Shiso City Kankei 03000016
Fluorocarbons Destruction Operator	30H0080
RBN	
Industrial Waste Management Business	Himeji City: Permit No. 7021075482 **Permitted Items:** Waste Plastics, Paper Waste, Wood Waste, Fiber Waste, Metal Scrap, Glass Scrap, Concrete Waste, and Ceramic Waste
Municipal Waste Management Business	Himeji City: Permit No. 36
Class I Fluorocarbon Filling and Recovery Operator	Hyogo Prefecture: Permit No. 2810 60125

We create.
HARITA METALS

HARITA METAL Co., Ltd.

www.harita.co.jp

Company Overview

Company Name:
Harita Metal Co., Ltd.

Headquarters:
1053-1 Honryo, Fukuokamachi,
Takaoka-shi, Toyama, Japan 939-0135
Tel: 0766-64-3516 Fax: 0766-64-3046

Established:
August 1975

Business:
◎Recycling Metals
◎Industrial Waste Processing
◎Recycling Household Appliances, etc.

Capital:
50 million yen (as of June 30, 2023)

Representative Director and CEO:
Makoto Harita

Business Overview

Recycling and Waste Disposal

◎Recycling

Recycling Small Household Appliances

We are a government-certified business under the Act on Promotion of Recycling of Small Waste Electrical and Electronic Equipment. We recover ferrous and non-ferrous metals, rare metals, and plastics from small household appliances, and recycle them into high-quality raw material substitutes.

Recycling Household Appliances

We have received ministerial approval as a recycling business for products manufactured by Group A companies as defined by the Act on Recycling of Specified Kinds of Home Appliances, which took effect in April 2001. We recover resources from air conditioners, televisions, refrigerators, and washing machines, and recycle them into materials for use in new household appliances.

Recycling Metals

We recover and recycle ferrous and non-ferrous metals, including aluminum, copper, and stainless steel, as well as precious and rare metals. We use our vast experience and the latest technologies to carefully carry out high-quality sorting.
We ensure metal scraps are given a new lease of life as high-quality metal resources, and thereby contribute to the creation of a circular society.

Recycling ASR

ASR stands for "automotive shredder residue," and refers to the residue that remains after end-of-life automobiles have been disassembled, crushed, and sorted. Using vertical crusher and sorting lines to reduce the size of ASR, we recover metals and plastics that can be converted into fuel; our water-based specific gravity sorting machines then recover plastics that can be recycled into new plastics.

Recycling Used Paper

Recovery rates, consumption rates, and quality levels for recycled paper continue to increase.
We contribute to paper recycling through our recovery and sorting processes.

Recycling Waste Wood

Our facilities are capable of recycling waste wood generated by the construction industry. We also effectively use this waste wood as a fuel alternative to fossil fuels.

Recycling Motorcycles

We are a Designated Collection Location and Designated Recycling Organization for end-of-life motorcycles; our unique processing lines enable us to carry out profitable sorting and resource recycling with greater efficiency.

Recycling Solar Panels

The use of solar panels is becoming increasingly widespread, and quantities of solar panel waste are expected to grow accordingly. For this reason, we have developed recycling technologies capable of handling vast quantities of solar panel waste.

◎Waste Management

Industrial Waste

We carry out the proper collection, transportation, intermediate processing, and recycling of waste that is generated through everyday and irregular business activities. We also continually propose optimal processing methods in response to various requests from our customers.

Municipal Waste

We are permitted and subcontracted by municipalities to collect, transport, and dispose of municipal waste; through these activities, we contribute to the recycling and reduction of waste, and to environmental conservation in local communities.

Fluorocarbon Recovery

Before industrial air conditioners, refrigerators, freezers, and other products using fluorocarbons can be disposed of as waste, the fluorocarbons they contain must be recovered. We are a registered Class I Fluorocarbon Filling and Recovery Operator, and recover fluorocarbons in the proper manner.

List of Facilities:
■Shredders: 845 HP, 1,500 HP, and 2,000 HP ■Pre-shredders: two 700 HP units
■Compactors: two 550 HP units ■Insulation fluorocarbon recovery machine: one unit
■Guillotines: 1,000 t, and 1,250 t. ■Heavy liquid sink-float separator: one unit
■Jig-type wet separator: one unit ■Water specific gravity separator: one unit
■Color sorter: one unit ■Press: two 102 HP units ■Magnum Cutter: one unit

Consulting Business

◎Waste Solutions

We properly evaluate the processing methods carried out by our customers both for waste and for valuable resources, and propose optimal processing methods at optimal prices.
While sorting waste and resources is important, sorting alone is not enough. We evaluate the volumes of waste and resources generated by our customers, as well as the locations in which they are stored, and we help them reduce and streamline their on-site and administrative workloads.
Using our diverse fleet of vehicles, we also propose collection methods that are optimized for our customers.

Plant Locations

Headquarters	
	1053-1 Honryo, Fukuokamachi,
	Takaoka-shi, Toyama, Japan 939-0135
	Tel: 0766-64-3516 Fax: 0766-64-3046
Imizu Recycle Center	
	34-11 Shinbori, Imizu-shi, Toyama, Japan 934-0035
	Tel: 0766-86-4811 Fax: 0766-86-4812
Kanazawa Branch	
	524-1 Fukudomemachi,
	Hakusan-shi, Ishikawa, Japan 924-0051
	Tel: 076-277-3993 Fax: 076-277-2189
Toyama Branch	
	2-9-20 Mori, Toyama-shi, Toyama, Japan 931-8332
	Tel: 076-426-0330 Fax: 076-426-0331

Permit Acquisition Status

As of November 30, 2023

Industrial Waste Disposal Service	Toyama Prefecture: Permit No. 01622000671 **Permitted Items:** Waste Plastics, Paper Waste, Wood Waste, Fiber Waste, Metal Scrap, Glass Scrap, Concrete Waste, Ceramic Waste, and Debris
	Ishikawa Prefecture: Permit No. 01728000671 **Permitted Items:** Waste Plastics, Paper Waste, Wood Waste, Fiber Waste, Metal Scrap, Glass Scrap, Concrete Waste, and Ceramic Waste
Industrial Waste Collection and Transportation Service	Nine Prefectures
Specially Controlled Industrial Waste Collection and Transportation Service	Five Prefectures
Vehicles Licensed For Industrial Waste Collection and Transportation	90 Units
Municipal Waste Disposal Service	Two Municipalities
Municipal Waste Collection and Transportation Service	Five Municipalities
Permission for Municipal Waste Management Facilities	Two Prefectures, Three Municipalities
Automobile Recycling License Shredding and Sorting Operations	Toyama Prefecture: Permit No. 20166000151
Class I Fluorocarbon Filling and Recovery Operator Registration	Toyama Prefecture: Registration No. 161A000201
	Ishikawa Prefecture: Registration No. 17A20010
Waste Recycling Business Operator Registration	Toyama Prefecture
	Ishikawa Prefecture
Waste Recycling Business Operator Registration	Hakusan City: Registration No. 802
Waste Metals Sales License	Gifu Prefecture Public Safety Commission: Permit No. 531230031

Company Overview

Company Name	RENATUS Co., Ltd.
Locations	【Headquarters and Marunouchi Office】 Suite 622, Shin-Kokusai Building 6F, 3-4-1 Marunouchi, Chiyoda-ku, Tokyo, Japan 100-0005
	【Shinagawa Office】 Omori Bellport D 6F, 6-26-3 Minamioi, Shinagawa-ku, Tokyo, Japan 140-0013
Date of Establishment	August 18, 2023
Capital	100 million yen (As of December, 2023)
Executive	President, Representative Director Hideaki Sakurai Director Yasuo Shima Director Makoto Harita Director Yosuke Masuda Director Keiji Yoshida Director Kenichi Harada Director Masayoshi Nakajima Auditor Yoshimi Yanagi Auditor Hisato Iwamoto Auditor Shuichi Uchiyama
Description of Business	Recycling and Waste Disposal Environmental Infrastructure and Building Maintenance Consulting
Subsidiary Companies	RBN Co., Ltd. SANWA GIKEN Co., Ltd. SANWA CHUBU Inc. SANWA TECHNOS Corporation SINCERE Corporation SHINNIHON KAIHATSU Co., Ltd. HARITA METAL Co., Ltd.