



Photograph courtesy of: Oze Preservation Foundation

Support for Oze Preservation Foundation

Eco Keikaku supports the aim of the Oze Preservation Foundation to "pass on the rich and beautiful nature to future generations".
Eco Keikaku is recognized as a member of the Friends of Oze, and participates in the annual Oze Summit.
It is our sincere hope that the rich nature and biodiversity of Oze will be passed on to future generations.



Company Brochure



Focusing on the environment, foods and public contributions

In order to leave a brighter future for our children, at Eco Keikaku we concentrate on businesses related to the environment, foods and public contributions.

Whether it be promotion of recycling and organic farming, our food and beverage businesses, or our hotel businesses, we focus on restoring natural ecosystems and contributing to environments where man and nature exist in harmony, through all our businesses.

Environment

Foods

Contributions

Environment

Through fields such as recycling, waste treatment, and production and reuse of organic fertilizer, we concentrate on businesses that help achieve a recycling-based society and contribute to conservation of rich natural environments.

Foods

We focus on businesses that help improve people's relationships to food, through organic farming on the part of agricultural corporations, and an approach to flavor that relies on the natural tastes of healthy and reliable foodstuffs and ingredients.

Contributions

We contribute to society through proactive forrestation to reduce CO₂, support for conservation work, environmental forums, youth outreach and education, and other such activities.

Message

Aiming for state-of-the-art waste treatment and recycling businesses

In recent years the speed at which the world changes has accelerated, and the environment is no exception. Environmental conservation initiatives in Japan and overseas have increased and become more aggressive than before, and environmental conservation that focuses on reducing waste and effectively using resources has blossomed.

While ESG (Environmental, Social and Governance) and SDG (Social Development Goals) initiatives have become a shared global standard in recent years by which the value of corporations can be measured, at Eco Keikaku our corporate mission from founding has been to contribute to the environment and society,

and in that time we have pursued businesses that aim to achieve a recycling-based society.

Eco Keikaku offers one-stop services for industrial waste, with everything from collection and transport to intermediate treatment, disposal and recycling. With cutting-edge technology, and following independent safety standards in excess of those required by governments, we have pursued environmentally friendly disposal and recycling. In addition to environmental services, we also offer safe and secure disposal of personal and other confidential information, and are proud of the relationship of trust we have built with our customers.

The Voice of Nature

The voice of nature speaks to us.

When we raise our voices together,

We build a beautiful world.

Man and nature can speak together

When they speak in the voice of nature.



Environment, Foods and Public Contributions

"Eco no koe" (the voice of nature) is a registered trademark of Eco Keikaku Holdings Co., Ltd.

50 years have passed since our founding. However, rather than rest on our laurels, we will continue to pursue new research into technological innovations that reduce environmental burdens, remaining a leading pioneer in our industry and maintaining an intrepid spirit to constantly create new businesses. Aware of our duty to society as an environmentally concerned company, we constantly aim to modernize facilities and improve recycling technologies, and will strive to continuously reinvent ourselves as the industry's leading waste treatment and recycling business.

Tsunataka Inoue
President and Representative Director



A one-stop service for waste treatment

① Collection and transport ② Intermediate treatment ③ Final disposal

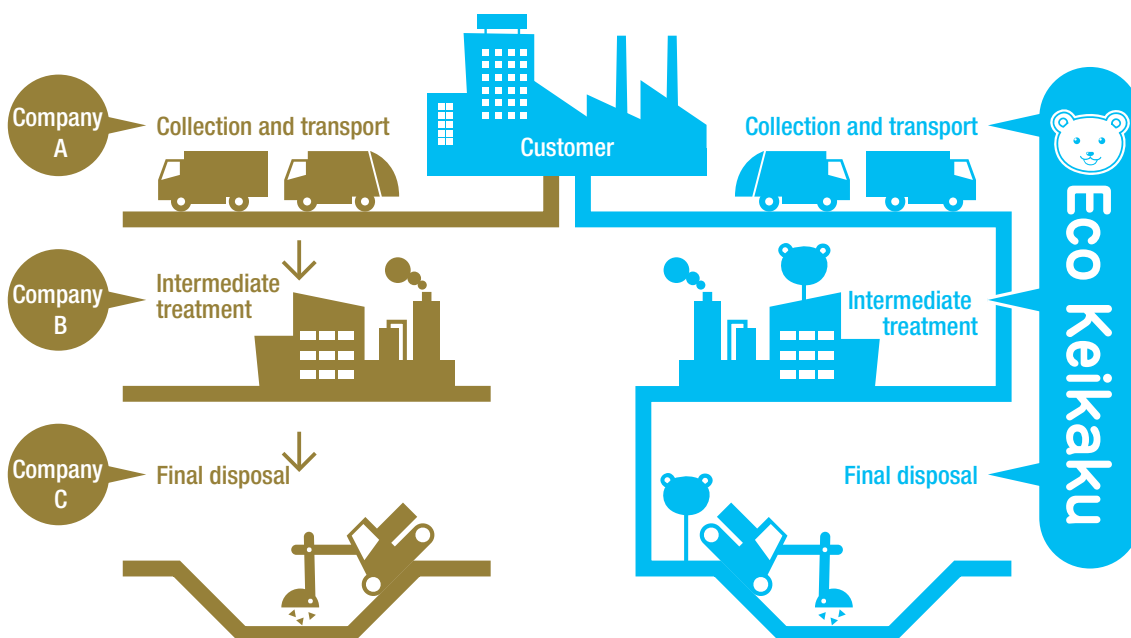
From collection to final disposal, Eco Keikaku can completely handle services in-house.

Founded in 1970, we began working on general waste treatment and recycling at Eco Keikaku at a time when environmental awareness among the public was still generally low.

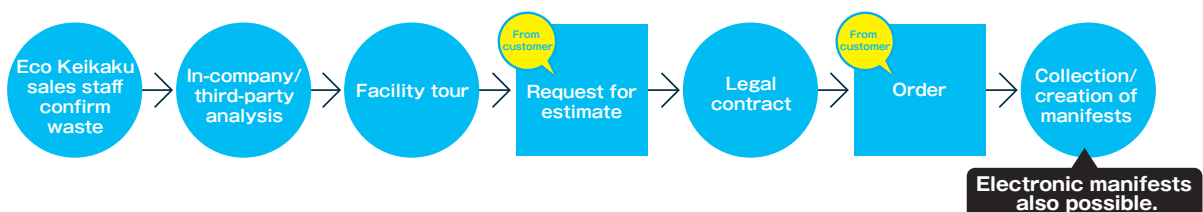
We are aware of the importance of appropriately treating waste, and understand the importance of our public mission. This is why achieving a recycling-based society and reducing waste as far as possible has been a major area

of focus for us since our founding. In 2020 our company moved to the administrative center of Urawa, Saitama City, and for 50 years since our founding we have continued to process waste with the understanding and cooperation of local residents.

At Eco Keikaku we aim to achieve a recycling-based society, and are constantly engaged in environmentally friendly initiatives.



Treatment workflow at Eco Keikaku (example)





A range of initiatives to increase safety and improve service

Our Eco Crew members (drivers) undergo thorough training upon entering the company. A variety of initiatives are in place to ensure safe driving and customer satisfaction. Furthermore, outside of Japan's Cool Biz months, the crew generally dress in a professional uniform of shirt and tie.

Initiatives to Improve Safety/Services

1. Accident Prevention Committee (1 time/month)
2. Road Safety Slogan Competition (4 times/year)
3. End-of-year Distribution Accidents Prevention Month (Nov.-Dec.)
4. Business site patrols to provide guidance on accident prevention (year-round)
5. Eco Crew Study Groups (1 time/month)

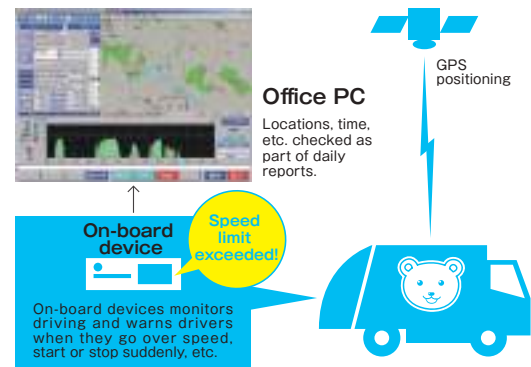
Responding to diverse needs Thorough Management System

We offer a great variety of vehicles to meet customers' needs for waste collection and transport.



All vehicles are equipped with GPS-enabled digital tachographs approved by the Ministry of Land, Infrastructure, Transport and Tourism, to ensure that the proper route from the customer's location to the treatment facility is observed. In addition to overseeing routes, the vehicles are also equipped with an auditory guidance system that alerts drivers when they stop or start too suddenly or leave engines idling, thus helping to further improve safety and conserve energy.

Routes managed using GPS-enabled digital tachographs



Promoting smooth collection and transport Three Stockyards

To ensure smooth collection and transport, we maintain three stockyards for all types of industrial waste.

Stockyards

Facility name

Urawa Stockyard

Yorii Stockyard

Ranzan Stockyard



Urawa Stockyard (Department 21)



Yorii Stockyard



Ranzan Stockyard

② Intermediate treatment



Japan's leading facility for intermediate treatment and general recycling.

RANZAN

Eco Space



Ranzan Eco Space

(Ranzan Hanamidai Industrial Park)

In 1997 we completed construction of our intermediate waste treatment and general recycling facility at 12 Hanamidai, Ranzan-machi, Hiki-gun, Saitama Prefecture (Hanamidai Industrial Park).

In 1999 we acquired ISO 14001 EMS certification for the facility, achieving a 90% recycling rate in the process. The facility is highly environmentally friendly, with independent standards in excess of those set by the Japanese government. Through these standards we have greatly minimized the concentration of dioxin and other emissions at the facility.



First private-sector (Ranzan) and second-facility (Yorii) certification under **the Act on Promotion of Development of Specified Facilities for the Disposal of Industrial Waste**

The sites were certified by the Ministry of the Environment (Ranzan Eco Space was certified by the Ministry of Health and Welfare at the time) as specified facilities equipped for effective and appropriate treatment of industrial waste, with integrated treatment of two or more types of waste and connected joint-use facilities for purposes such as R&D, training, exhibition or conferences (including integrated greenification facilities, meeting facilities, etc.). Ranzan Eco Space is one of only a dozen or so specified facilities nationwide, and was the first private-sector facility to receive certification.



Ranzan Eco Space
Certified March 1997 (Ministry of Health and Welfare)



Yorii Eco Space
Certified February 2005 (Ministry of the Environment)

YORII

Eco Space



Yorii Eco Space

(Sainokuni Recycling Plant)

The Sainokuni Recycling Plant Yorii Eco Space is a comprehensive recycling facility that includes two incinerators, and recycles waste into usable resources in over 20 different ways including creation of fertilizer from organic sludge, electronic equipment recycling, creation of solid fuel (RPF), metal recycling and thermal recycling.

When waste is difficult to recycle directly, and the heat is used for purposes such as generating electricity, drying fertilizer and incinerating sludge (thermal recycling). Generating electricity in this way also helps to limit and reduce CO₂ emissions. Additionally, resources are used more effectively through methods such as creation of RPF (primarily from waste plastics) and recycling of electronics (materials recycling). Our goal is to recycle 98% or more of materials treated at this site.



② Intermediate treatment



Effectively utilizing waste heat through thermal recycling.



Effectively utilizing our limited resources

Thermal recycling

Thermal recycling is when heat, such as that produced when burning waste, is collected and used for purposes such as generating electricity. As petrochemical products, plastics in particular create a large amount of heat for collection.

At Eco Keikaku we engage in aggressive thermal recycling, as we understand that oil is a limited resource and hope to convert as much waste into energy as possible. Waste plastics, paper scraps, woods chips and other such items are used as fuel when drying sludge and organic sludge, and electricity generated from heat helps limit new energy consumption. Out of environmental friendliness, the incinerators are kept at temperatures above 800°C and dust collecting bag filters are used to limit emissions such as dioxin and soot.



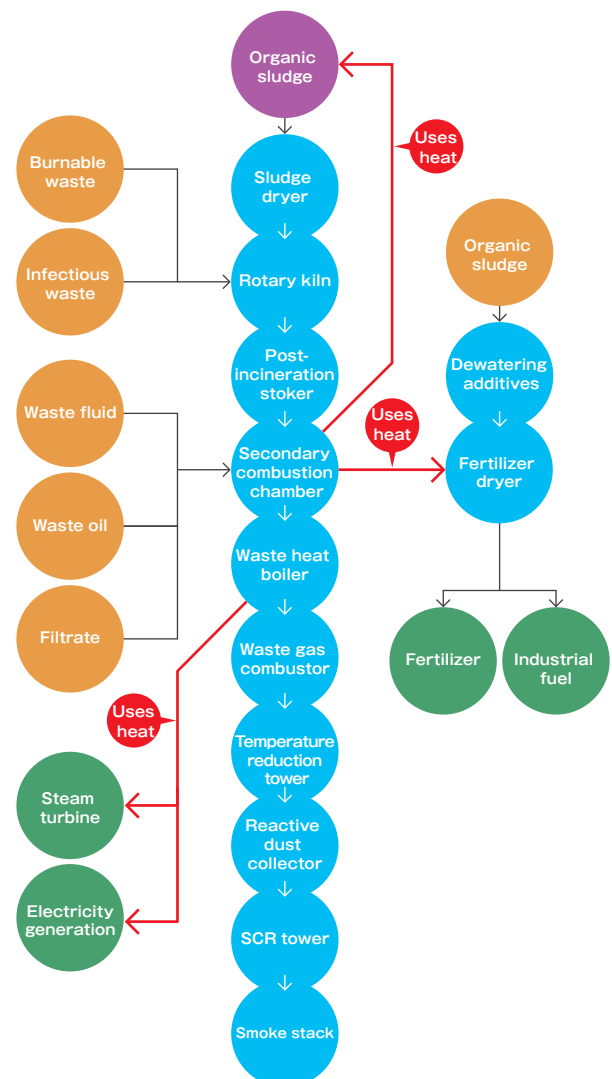
Burnable waste



Infectious waste



Thermal recycling



Dewatering facility

The most common industrial waste in Japan is sludge. After intermediate treatment and drying of components such as plant and animal residue and cinders (which can be reused as fertilizer material), sludge is used to create fertilizer using waste heat from incinerators. Depending on the specific components, Eco Keikaku can process both organic and inorganic sludge in a variety of ways.



Chemical reaction dewatering equipment

Organic fertilizer production

Organic soil conditioners manufactured from sorted organic waste contain not only nitrogen, phosphorus and potassium, but also a wide range of organic components. Rather than landfill this waste we at Eco Keikaku process and sell it as System Daichi, a soil-enriching organic fertilizer that is also sometimes used by our agricultural corporation.



Electricity generation systems

Steam turbine generators utilize high temperature, high pressure steam created by incinerators to create up to 680 kw, allowing the facilities to be self-sustained. Screw and turbine generators also use surplus steam at the second incinerator to create around 250 kw.

Yorii Eco Space is also equipped with solar and other Earth-friendly green power systems, generating almost 1,000 kw per day.



Steam turbine generator

Daily research into environmentally friendly recycling and treatment of difficult items. R&D facilities



Every day, environmental problems such as the loss of nature grow more serious. Our task is to protect our limited resources and carry out effective recycling. At Eco Keikaku we established a research group early in our history, and carry out daily research in order to meet our customers' needs and pursue environmentally friendly treatment.

(To grow...)

We carry out in-depth research into waste recycling, new recycling technologies and ways to reduce the environmental impact of facilities. Both new and veteran

researchers work together on the research and development that ensures the future of Eco Keikaku.

Results include discovery of a safe way to treat printer toner, which was previously more difficult and carried a risk of dust explosions.

(To build...)

In addition to environmental friendliness and checking waste samples from customers, the Eco Keikaku research group also carries out daily environmental measurements of categories such as noise, vibration and odor.

*Results of inspections can be found on our website.

② Intermediate treatment



Creating new resources through material recycling.



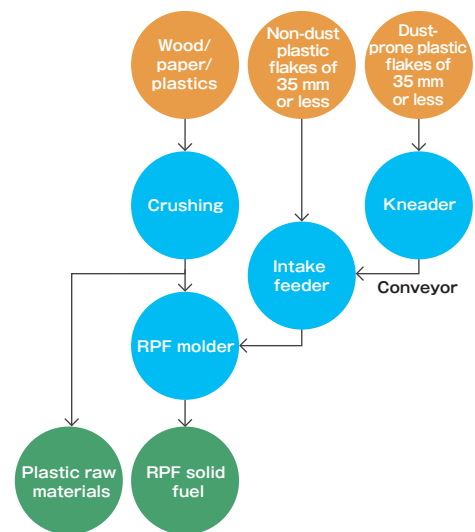
Sort a wide variety of waste into useful resources

Material recycling

Material recycling is when items such as used products and waste from industrial processes is reprocessed and effectively utilized as resources. Previously, the majority of recycling was from industrial plastic waste, but with the introduction of laws such as the Law for Promotion of Sorted Collection and Recycling of Containers and Packaging, and the Law for Recycling of Specified Kinds of Home Appliances, household, store, office and other such plastics are now also recycled.

At Eco Keikaku waste plastic is used to create solid fuel at our RPF manufacturing facility. To improve facilities we also carry out kneading and reduction of difficult to treat, dust-prone items such as toner dust, and reduction of non-dust prone plastic flakes of 35 mm or less. We aim to promote greater material recycling, carrying out environmentally friendly recycling and accepting a wide range of materials to meet customer needs.

We also have recycling systems in place to create fertilizer and industrial fuel from organic sludge, and to disassemble and sort electronics. Our intermediate processing and recycling facilities have also been certified by Saitama Prefecture for scrap metals.



Wood/paper/plastics



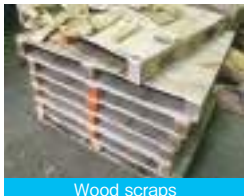
Transformed into solid fuel





Effective use of woods chips in a variety of fields **Wood chip crusher**

Unneeded items such as wooden pallets are sorted and crushed to create high-quality wood chips. These wood chips are then used for a variety of purposes including as raw material for boards, as biomass fuel and as RPF raw materials.



Wood scraps



Transformed into chips

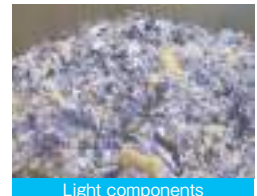


Treatment of difficult items **Mattress shredder**

Sorting the springs, cloth and cushioning from mattresses was previously difficult and done by hand, but our shredders now allow mattresses to be dismembered and sorted automatically. The highly accurate sorting of heavy components (springs) from light components (cloth, cushioning, etc.) also improves transport efficiency.



Heavy components

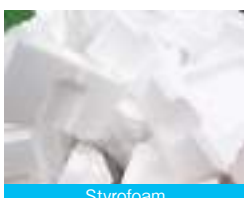


Light components

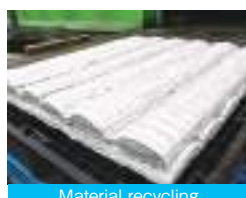


Creating high-quality recycled materials **Styrofoam compacter**

The styrofoam compacter is a clean, safe and energy-saving piece of recycling equipment that uses electricity rather than heat. In addition to styrofoam PS, PP and PE can also be treated. The compacting block operates at 170°C to ensure high-quality recycled materials. Because the styrofoam is recycled in plank form, it is easy to stack, transport and store.



Styrofoam

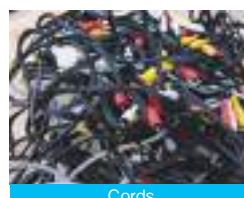


Material recycling



Earth-friendly recycling of copper **Copper wire stripper**

At Eco Keikaku we operate a highly effective copper wire stripping plant able to separate over 98% of copper from cords and other similar waste. The plant separates copper in cords from the outer membranes for recycling purposes. Once the high-quality copper has been removed the remaining cord must still be disposed of. However, the introduction of the energy-saving plant ensures complete recycling of the copper.



Cords



Material recycling

③ Final disposal



Fixed landfill site meeting strict standards.



Gunma Eco Space



In April 2015 in Shibukawa City, Gunma Prefecture, we completed the prefecture's first fixed landfill site that meets new standards (April 2013 regulatory revisions).

The disposal site was built to be impermeable, with gunite-shooting coated walls and an over 150 mm thick bentonite base. This ensure that rainwater that flows through landfilled material does not permeate directly into the ground.

Water that collects in the collection pipes that run through the bottom of the site is regularly tested to ensure safety.

Concern for local environment

1. We comply with "Standards for Construction, Operation and Maintenance of Gunma Prefecture Waste Treatment Facilities," test groundwater and seepage once per month, and test noise, vibration and odors around the site's borders once per year.
2. Water quality tests through public agencies twice per year.
3. Use of heavy machinery that is low-noise and conforms to emissions standards.
4. Road cleanup and beautification in the areas surrounding the site.

Items handled at fixed disposal site

- Waste plastics* ● Rubber scraps ● Metal scraps
- Glass scraps ● Concrete and ceramic scraps*
- Rubble* *Includes industrial waste containing asbestos



Large-scale compactor

No accidents at final disposal sites since founding

We are currently in our 17th term of fixed disposal sites. Through the guidance of related agencies and local residents, and the cooperation and understanding of waste contractors, we now boast over 48 years of accident-free operations (from September 1972).

We emphasize concern for the local environment in our business plans and operation and maintenance of the sites, and once sites are filled we plant to restore them to wooded areas.

General recycling

A reuse and recycling facility where disabled and elderly employees can also work in safety.



*Facility grounds: approx. 10,000 m²

Yorii E Space



In response to an increased need for recycling of a variety of goods and products, we established a combined recycling plant and warehouse at Yorii E Space that went into operation in October 2015. The building has a floor area of approximately 3,200 m² (plant area: approx. 1,680 m², warehouse area: approx. 1,520m²).

The plant includes booths for disassembly of electronics, data clean rooms for erasure of data, production rooms where

original products are created and other such facilities. The work booths are accessibly designed and fully heated and cooled, ensuring a work environment where disabled and elderly employees can also work in safety and comfort.

Strict security measures are also in place, including for the warehouse, with metal detectors stationed at the entrance. The measures ensure safe, secure and compliant operations.



Area of plant 1st floor: approx. 1,180 m²
4 booths for disassembly, sorting and other recycling work.



Fully heated/cooled booths
Comfortable and productive environments allow for efficient disassembly, etc. of electronics.



Two warehouses for safe and appropriate storage of goods and products consigned from customers.



Trustworthy software (Blancco)* is used to wipe data from computers and other devices in the data clean room on the plant's second floor.

*In use in over 100 countries worldwide



Extensive security measures
The data clean room is also used for other product reuse. Strict security is in place when entering and leaving, with a double-lock security code and keycard system in place.



Original products are created using laser machining in the production room on the plant's second floor.

Environmental conservation and social contributions

Continuing to contribute as an environmentally conscious company.

SUSTAINABLE DEVELOPMENT GOALS

We support the Sustainable Development Goals (SDGs)



Our company has achieved all 17 global targets of the SDGs through our business and we will further strengthen our efforts in the future.

Applicable SDGs Example Eco Keikaku Initiatives

- 1 Donations to UNICEF according to the number of entries to the Junior Eco Times and Gunma Eco Declaration
- 2 Possession of corporations qualified to own cropland (local production for local consumption)
- 3 Environmental education with experiences in nature (Special member of the Oze Preservation Foundation)
- 4 Environmental education for youth (Junior Eco Times, Gunma Eco Declaration!)
- 5 Promotion of women in managerial positions
- 6 Water source conservation forests (Eco Keikaku Forest)
- 7 Steam turbine generation at facilities
- 8 Promotion of employment of persons with disabilities (special subsidiaries), support for entrepreneurship (Eco Keikaku Lab)
- 9 Switch from thermal to material recycling
- 10 Donations to UNICEF according to the number of entries to the Junior Eco Times and Gunma Eco Declaration
- 11 Preservation of thatched houses, heritage forests (Eco Keikaku Forest)
- 12 Sustainable forest management that contributes to regional revitalization (Eco Keikaku Forest)
- 13 CO₂ absorption and storage (Eco Keikaku Forest)
- 14 Conservation of ocean resources (Eco Keikaku Forest)
- 15 Biodiversity (Eco Keikaku Forest)
- 16 Donations to UNICEF, international cooperation in collaboration with government, support for young carers
- 17 Promotion of business through partnerships with local communities, government and private corporations

Environmental conservation activities

Eco Keikaku Forest A forest protecting Joshi's water source and Karasugawa headwaters, where the voice of nature can be heard



Foreststock certification

In November, 2012, 948.32 ha of wooded land owned by Eco Keikaku Co., Ltd. in Kurabuchi-machi, Takasaki City, Gunma Prefecture was certified by Foreststock (a general incorporated association) as Eco Keikaku Forest.

We will continue to contribute to the environment and society for our children's future.

As part of our efforts to reduce CO₂ and conserve forests, we keep and maintain a Foreststock-certified forest. This helps to protect Japan's forest lands, preventing global warming and conserving biodiversity and water resources.

Operated by Foreststock (a general incorporated association), this certification system is for appropriately managed biodiverse forests, and is based on third-party inspection. CO₂ absorbed by certified forests may be traded as credits.

The Foreststock scheme allows carbon offset ("CO₂ Sink") credits in the amount calculated to be absorbed by certified forests to be purchased by environmentally concerned companies. This support allows forest owners and associations to recoup the funds needed for forest conservation and maintenance.



Entrepreneurial support



eC Keikaku Lab

Eco Keikaku Lab From wanting to start a business to establishing a business!
Let's ecolab with that dream!

We have launched the Eco Keikaku Lab initiative to help businesses and people connect with each other and with their ideas through the establishment of businesses, and to materialize them for society. For those who want to start a business and have an idea or business plan, but lack the funds, we offer a range of support, including funding, assistance in developing a business plan, support in opening a business, and a free-of-charge workspace.



For more information,
visit our website!
<https://labo.eco.co.jp>

Environmental youth education



Issues of waste will only grow more serious in the coming years, and environmental problems are likely going to be with us for some time. For the sake of our children, and the future of Japan, it is important that children be instilled from a young age with a sense of the environmental issues facing us. Children are the future. Fostering the next generation and considering the future of the environment is part of our mission at Eco Keikaku.

Junior Eco Times

■ Organizers:
Saitama Prefecture and
The Saitama Shimbun
■ Sponsor:
Eco Keikaku Co., Ltd.



The company supports Junior Eco Times, which teaches primary school children in Saitama Prefecture about the environment by creating environmentally-themed newspapers.

Gunma Eco Declaration!

■ Organizer:
Jomo Shinbun
■ Special sponsor:
Eco Keikaku Co., Ltd.



We are a special sponsor of the Gunma Eco Declaration! in Gunma. We support this initiative, which helps to develop children's presentation skills and boost environmental education.

Community-based contribution activities

Urawa Reds Official Partner

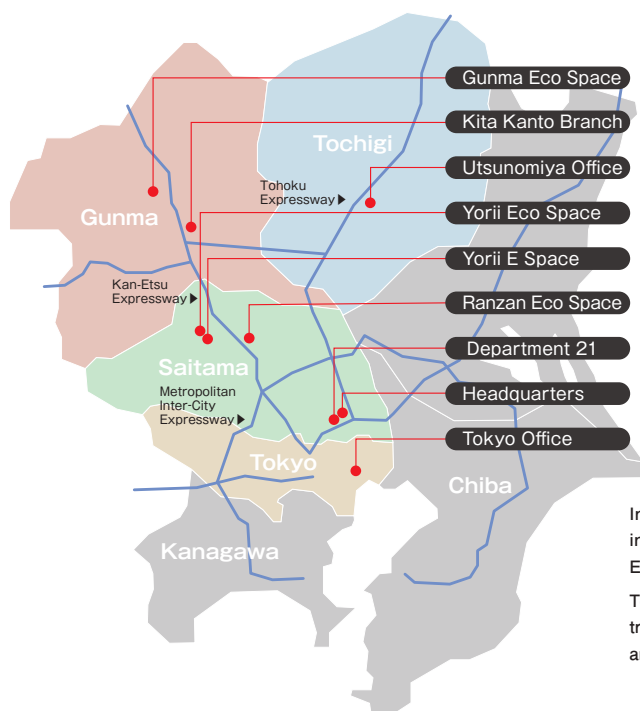
We support the success of the Urawa Reds and contribute to the revitalization of the Saitama area.



Tour de France Saitama Criterium

The Tour de France has a 110-year history as the world's premier cycling race. Taking its name from the same event, we support the Tour de France Saitama Criterium, which started in 2013, every year as a sponsor.





In order to provide better service, Eco Keikaku is working to increase coordination between the Yorii, Ranzan and Gunma Eco Spaces, focusing on the Kan-Etsu Expressway.

To ensure smooth collection and transport at our various treatment facilities, including Department 21, we provide storage and trans-shipping facilities for all types of industrial waste.

Locations

Headquarters	Eco Keikaku Urawa Building, 4-2-20 Nakacho, Urawa-ku, Saitama City, Saitama Prefecture 330-0062	Tel. 048-862-5011
Department 21	Eco Keikaku Building, 8-4-16 Tajima, Sakura-ku, Saitama City, Saitama Prefecture 338-0837	Tel. 048-863-2720
Tokyo Office	2-3-303 Ichibancho, Chiyoda-ku, Tokyo 102-0082	Tel. 03-3262-0406
Kita Kanto Branch	Eco Keikaku Maebashi Building, 567 Motosojamachi, Maebashi City, Gunma Prefecture 371-0846	Tel. 027-251-2781
Utsunomiya Office	3-5-2-301 Higashishukugo, Utsunomiya City, Tochigi Prefecture 321-0953	Tel. 028-612-4811
Ranzan Eco Space	12 Hanamidai, Ranzanmachi, Hiki-gun, Saitama Prefecture 355-0204	Tel. 0493-62-0011
Yorii Eco Space	262 Mikayama, Yoriiimachi, Osatogun, Saitama Prefecture 369-1223	Tel. 048-582-5800
Gunma Eco Space	2708-5 Ubashima, Shibukawa City, Gunma Prefecture 377-0024	Tel. 0279-25-0663
Yorii E Space	331-3 Mikayama-aza Higashitakayama, Yoriiimachi, Osatogun, Saitama Prefecture 369-1223	Tel. 048-582-5800



Environment, Foods and Public Contributions

Headquarters in Saitama City, with business across Kanto

Our business site, Department 21, has been located in Saitama City's Sakura Ward (Nishiurawa) since our founding in 1970. In addition, in 2020 we established a new headquarters, the Eco Keikaku Urawa Building, in the administrative center of Saitama City's Urawa Ward.

As an environmentally conscious company, we at Eco Keikaku will continue to contribute to society through our businesses, operating in harmony with the local community.



Headquarters
(Urawa-ku, Saitama City,
Saitama Prefecture)

ECO KEIKAKU CO., LTD.
<https://www.eco.co.jp>

2023.12

The Headquarters, Department 21, Tokyo Office, Kita Kanto Branch, Utsunomiya Office, Ranzan/Yorii/Gunma Eco Spaces and Yorii E Space have acquired ISO 14001 certification.

ISO 14001 certification has been updated every year since first acquired in 1999. In 2009 we received a 10-year award from the certifying body, the Japan Audit and Certification Organization for Environment and Quality, in recognition of continuous long-term ISO management systems certification.

