DAIWA CAN
SOLUTION & INVENTION

大和製罐株式会社 環境レポート 2025

Daiwa Can Company Environmental Report 2025

INDEX

Company Profile

■ Established May 20th, 1939
■ President Hirohisa Yamaguchi
■ Capital 2.4 billion
■ Headquarters 9F JP Tower, 2-7-2, Marunouchi Chiyoda-ku, Tokyo
■ Employees 1,935 (March, 2025)

Main businesses


For Beverages


For Food


For Personal Care


For Household Products


Medical Science


Support / Solution

President Massage

The environment surrounding us is changing at an unprecedented pace. The increasing frequency of extreme weather events and natural disasters due to climate change, worsening resource depletion, and the growing global awareness of the threat of global warming are now directly impacting our daily lives and business environment. In such circumstances, companies are required to adopt not just traditional approaches but a more sustainable and innovative stance, together with concrete actions. Furthermore, societal values are also changing, environmental consideration and ethical behavior are becoming the criteria for trust and evaluation of companies in the changing era.

The need to sincerely address these societal and global challenges is strongly recognized, reaffirming our own roles and responsibilities. In particular, we consider it our mission as a company to pass on a bountiful planet to the next generation. Therefore, we are strengthening our environmental management more than ever and positioning it at the core of our business management, accelerating specific actions towards achieving a sustainable society.

Promotion of Climate Change Measures based on International Standards

In the fiscal year 2024, efforts have further been strengthened to address climate change and Daiwa has started activities towards obtaining SBTi (Science Based Targets initiative) certification. GHG (greenhouse gas) emissions for not only Scope 1 and 2 (direct and indirect emissions) but also for Scope 3 (emissions from the entire supply chain) have been calculated in detail and reduction measures have been studied. As a result, mid-term reduction targets have clearly been defined, and a commitment letter has been submitted to SBTi in June 2025. Simultaneously, our 2030 targets for climate change mitigation, which is one of our company's materiality aspects, has been revised upwards. On July 16th of the same year, we were able to obtain SBTi certification for these targets, taking a further step towards enhancing transparency and credibility as a company by working towards new goals based on internationally recognized, scientifically sound frameworks.

In order to achieve our GHG reduction targets, we have significantly ramped up the adoption of renewable energy since last year. At our Shimizu and Mohka Plants, we have realized the introduction of renewable energy through off-site PPA (power purchase agreements), while at the Funabashi Plant, in collaboration with Sapporo Breweries' Chiba Plant, 100% renewable energy for Scope 2 has been achieved, steadily advancing specific decarbonization at the facility level. We aim to gradually expand these initiatives to other plants in the future, advancing the overall decarbonization of our manufacturing activities and contributing to decarbonization across society. Through these activities, we will not only fulfill our responsibility towards creating a sustainable future but also realize the enhancement of our

corporate value.

GHG emissions Reduction and Environmental Value Enhancement across the Entire Supply Chain

As actions towards climate change, we have been working on reducing GHG emissions for Scope 1 and 2 by implementing energy-saving measures in the manufacturing process and introducing renewable energy. With the SBTi certification, there is an increasing demand for emission management throughout the entire supply chain, highlighting the importance of reducing emissions in Scope 3. For Category 1 (purchased goods and services) in particular, which accounts for over 70% of our Scope 3 emissions, fundamental reduction measures are absolutely essential. Customers are increasingly requesting us to further reduce the GHG emissions of our products, and our responsibility as a supplier is becoming even greater. To address these challenges, we are actively promoting the use of low-carbon materials such as green steel and green aluminum in our company. These materials make it possible to significantly reduce GHG emissions during the manufacturing process, contributing to the overall reduction of environmental impact resulting from our company's manufacturing processes. Metal cans themselves are already excellent containers for resource circulation, boasting a recycling rate of over 90%. As an additional initiative, we will continue to pursue the reduction of GHG emissions. Our company will continue to provide customers with products of higher environmental value that not only reduce the environmental burden, but also contribute to a sustainable society.

Establishing a Circular Model to Connect Limited Resources to the Future

How to effectively use and circulate finite resources is a challenge that companies providing products always face. Daiwa has been working on promoting the recycling and lightweighting of metal cans for many years, contributing to the achievement of high recycling rates in Japan. In recent years, we have also been focusing on the recycling of used plastics, including efforts in sorting and recycling materials such as polyethylene, pursuing designs that make recycling easier, and starting to work on establishing a mechanism for collection and reuse in collaboration with the entire supply chain. In particular, the promotion of the use of recycled plastic materials has reached a stage where we can provide detailed reports, building on the results of our research and development efforts, and we plan to being able to provide a progress report on this front shortly.

Efforts to reduce waste are also essential for reducing environmental impact. At Daiwa, we actively promote initiatives such as reusing and sorting, as well as

manufacturing garbage bags from waste generated in the manufacturing process for internal reuse. We are expanding efforts to utilize waste generated in the manufacturing process in new ways. Through such initiatives, we aim to reduce waste as much as possible and establish a system for effectively utilizing limited resources.

The utilization of recycled materials and the promotion of waste reduction not only contribute to reducing environmental impact but also fulfill the social responsibility of efficiently circulating limited resources.

We are committed to making additional efforts to meet the expectations of society and our customers, and to pass on a better environment to the next generation.

Creating a Sustainable Society together with Stakeholders

We will continue to address environmental challenges and take concrete actions to achieve a sustainable society. By addressing challenges such as action against climate change, realizing an environmentally circular society, and waste reduction, we aim to fulfill our corporate responsibility and continue to contribute to solving broader societal issues. We are convinced that these initiatives will not only reduce environmental impact but also contribute to enhancing the value of our products and services, thereby strengthening the trust relationship with our customers and partners.

To create a sustainable future, the efforts of an individual company is not enough, and the collaboration and cooperation across society are essential. We will continue to tackle challenges together with all our stakeholders by actively engaging in dialogues, aiming to leave behind an environment that we can be proud of for the next generation. We kindly ask for your support and continued encouragement as we move forward with our initiatives.

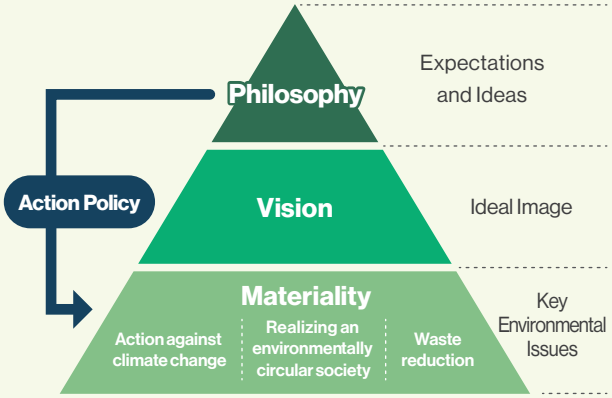
December, 2025
Daiwa Can Company
President
Hirohisa Yamaguchi

Daiwa Can's Environmental Policy

Internationally, environmental actions focused on reducing greenhouse gas emissions are growing, and in Japan also, initiatives to address a wide range of environmental challenges, such as energy conservation and resource recycling, are also are becoming widespread.

Our company is also focused on reducing environmental impact across the entire supply chain, continuing to contribute sustainably to society as a container manufacturer by offering products and services with high environmental value.

To achieve our objectives, we have reviewed the structure of our environmental policy as outlined below, set new goals "Vision" and "Materiality," and established specific environmental targets.



Philosophy

We recognize that the preservation of the global environment is one of humanity's most important challenges, and that addressing this challenge is essential for the existence and activities of any business.

With this in mind, we are committed to developing and providing technologies, containers, and services that balance environmental sustainability and growth. Through environmentally-conscious business practices, we will, as a container manufacturer, actively contribute to the realization of a sustainable and vibrant society.

Our environmental philosophy places the utmost priority on the preservation of the global environment.

Our philosophy is to balance corporate activities and environmental consideration, continue to grow as a container manufacturer, and actively address environmental challenges to contribute to society.

Vision

We are committed to the challenge of preserving a rich global environment for future generations and aim to realize a society where people and nature coexist in harmony.

To sustain our corporate activities, it is essential to pass on the limited resources to future generations while addressing issues such as global warming and environmental pollution. We must strive to restore and protect a balanced global environment.

To achieve this, we are committed to addressing three materialities, aiming to realize a society where people and nature coexist in harmony.

Materiality

1. **Action against climate change**
2. **Realizing an environmentally circular society**
3. **Waste reduction**

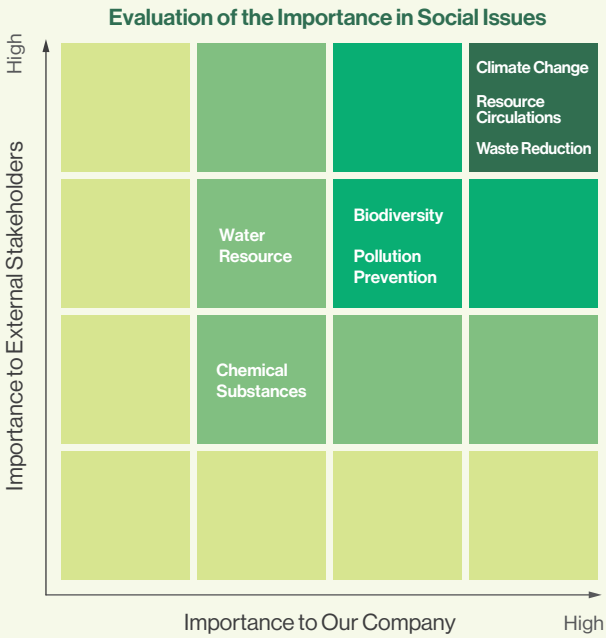
We have identified three materialities based on our vision for the future, societal challenges related to the environment, and the expectations and needs of our stakeholders.

Identification of Materialities

We mapped “key environmental social issues” along two axes: “Importance to Our Company” and “Importance to External Stakeholders.”

The “Importance to Our Company” is assessed based on the impact on our business and our unique characteristics, while the “Importance to External Stakeholders” is evaluated based on factors such as the frequency of inquiries and requests from clients, as well as materiality settings of other companies.

We linked the identified keywords with societal challenges and defined the materialities as **“Action against Climate Change,” “Realizing an Environmentally Circular Society,”** and **“Waste Reduction.”**



Approach to Materialities : Goals and Achievement Status

We have established approaches and specific target values for each materiality.

The current achievement status is expressed on a five-point scale. For more details, please refer to the activity report.

Achievement Status ... Excellent / Fair / Poor

Materialities	Approach	Goals	Achievement Status
Action against Climate Change	We will reduce greenhouse gas emissions and work towards the conservation of the global environment.	**2030 Goals (compared to 2020)** Scope 1,2 : 50% reduction	**15% reduction** Progressing as planned
		2030 Goals (compared to 2023) Scope 3 : 30% reduction	**A slight increase from the base year**
		2050 Goals Achieving Carbon Neutrality	–
Realizing an Environmentally Circular Society	We will work on the circulation of resources across the entire supply chain through the development and proposal of products and services that contribute to recycling, as well as collaboration with business partners.	**2030 Goals** Usage of Recycled plastic material over 16%	**In progress**
		2025 Goals The recycling rate of steel cans over 93%	**FY 2023 93.5%**
		2025 Goals The recycling rate of aluminum cans over 92%	**FY 2023 97.5%**
Waste Reduction	We will work on reducing waste from our business activities, while also developing and proposing products and services that contribute to environmental initiatives across the entire supply chain, aiming to reduce waste throughout the product lifecycle.	**2030 Goals (compared to 2015)** The amount of waste generated : 50% reduction	Excluding sludge, **24% reduction.** Considerations are required regarding the discharge of sludge.

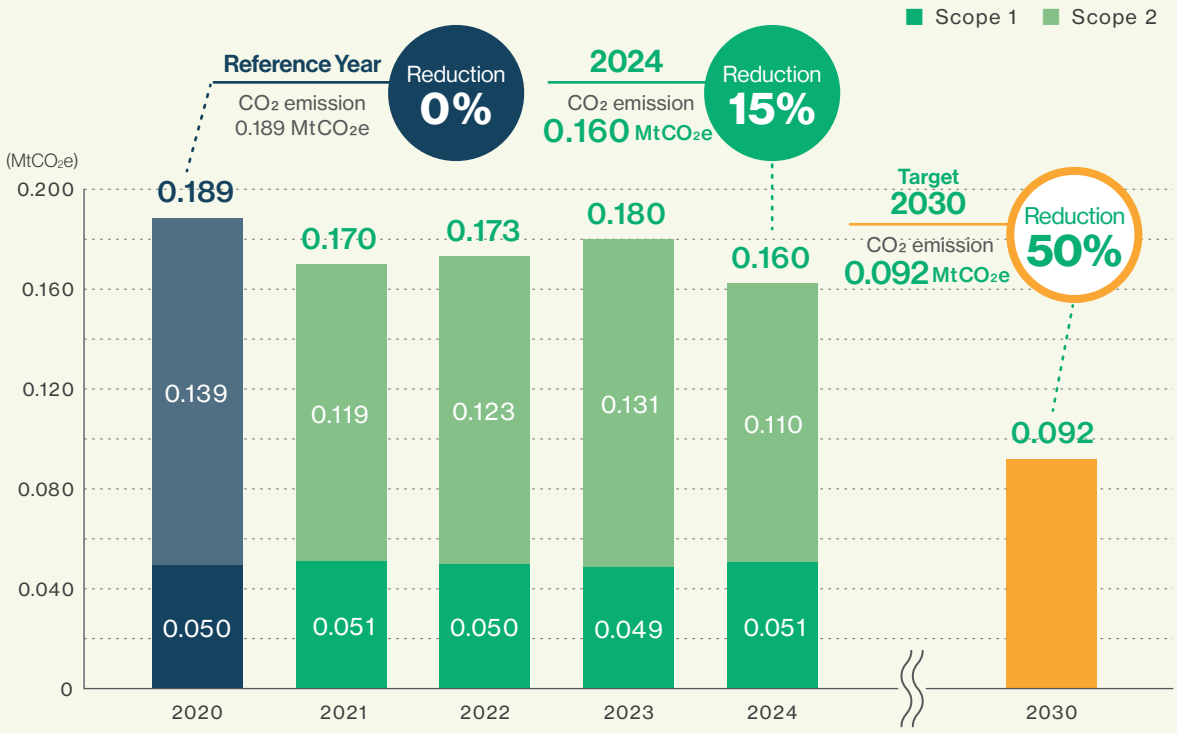
Materiality 1 : Action against Climate Change

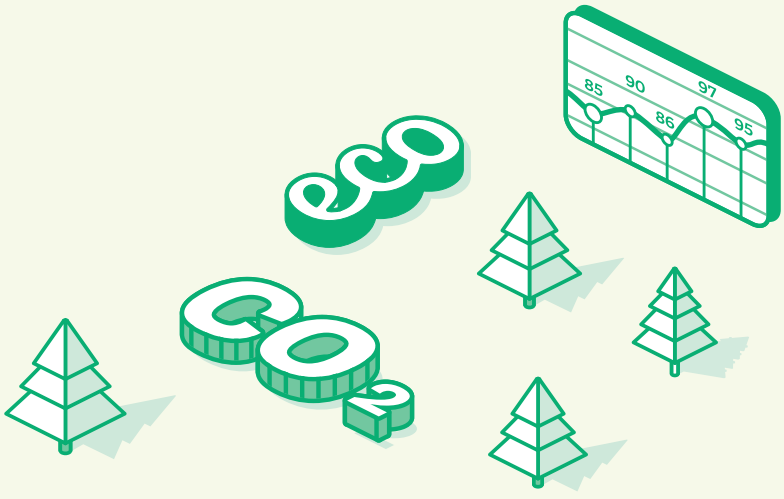
Daiwa Can's Scope 1,2 and 3

Transition of Scope 1 and 2 Emissions

In the fiscal year 2024, the Scope 1 and 2 emissions were 160,000 tons, representing a reduction rate of 15% from the base year (2020). We have almost achieved 2030 target.

We will continue to promote the introduction of renewable energy and strive to reduce CO_2 emissions further.

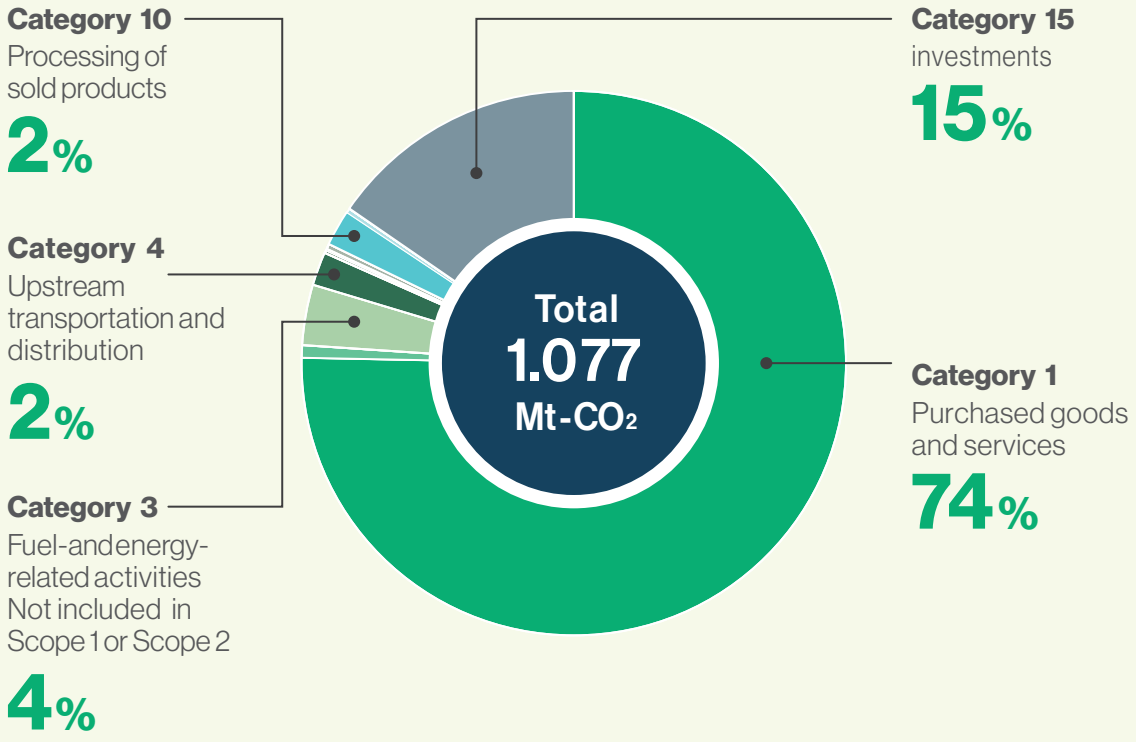


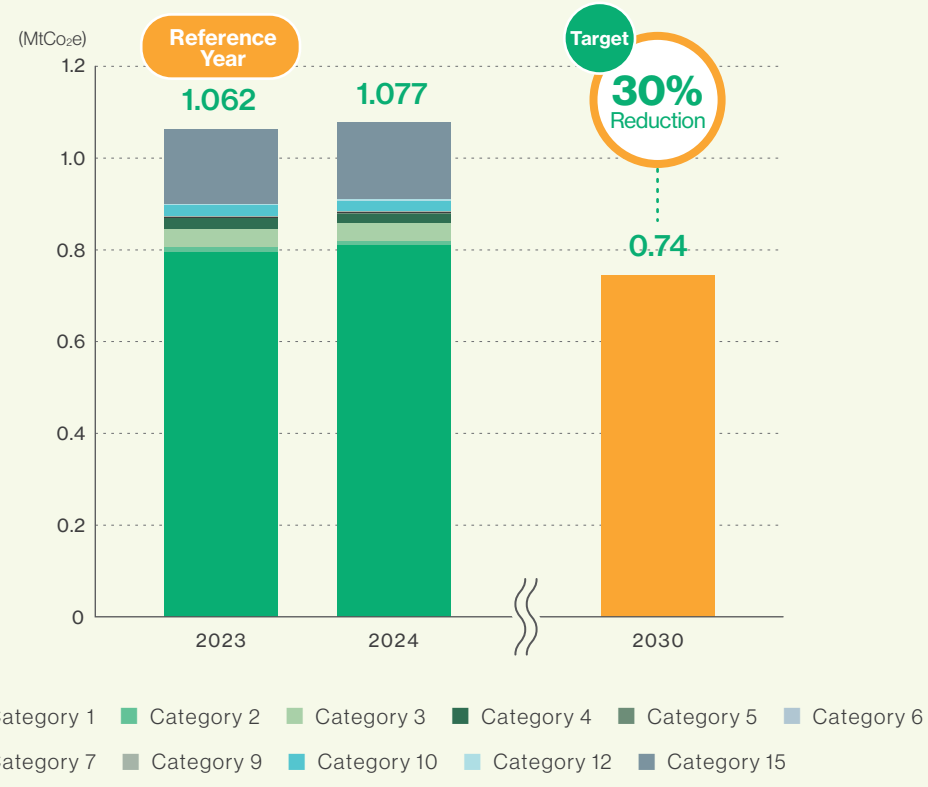


Transition and Breakdown of Scope 3 Emissions

In the fiscal year 2024, the Scope 3 emissions were 1,077,000 tons, and the breakdown is as shown in the following graph.

To reduce Scope 3 emissions, we will promote the use of low-carbon materials such as green steel and green aluminum, and work towards reducing Category 1 emissions, which account for over 70%.





* Categories 8, 11, 13, and 14 are excluded from the calculation.

Obtaining SBTi Certification

On July 16, 2025, Daiwa and our 12 group companies have obtained certification from SBTi for our 2030 GHG emission reduction target to be certified as a "1.5°C target", which aims to limit the increase in global average temperature to within +1.5°C compared to pre-industrial levels. As a group, we will reduce Scope 1 and 2 emissions by 42% (compared to 2020) and Scope 3 emissions by 25% (compared to 2023) by 2030.

SBTi is an international framework operated jointly by CDP, the United Nations Global Compact (UNGC), the World Resources Institute (WRI), and the World Wide Fund for Nature (WWF), certifying that companies' GHG emission reduction targets are based on scientific evidence in line with the Paris Agreement.

On this occasion, we will disclose and reduce GHG emissions at the Daiwa Can Group level.

Daiwa's 12 Group Companies


Kanagawa Kankitsu Kako Co., Ltd.

KYC Machine Industry Co., Ltd.


Sanwa Can Co., Ltd.

Daiwa Engineering Co., Ltd.


Daiwa Chiba Can Co., Ltd.


Daiwa Yoki Co., Ltd.


Niigata Kiden Co., Ltd.


Dixie Japan Ltd.


Bell Polyester Products, Inc.


Monde Winery Co., Ltd.

Fountain Can Corporation (Taiwan)

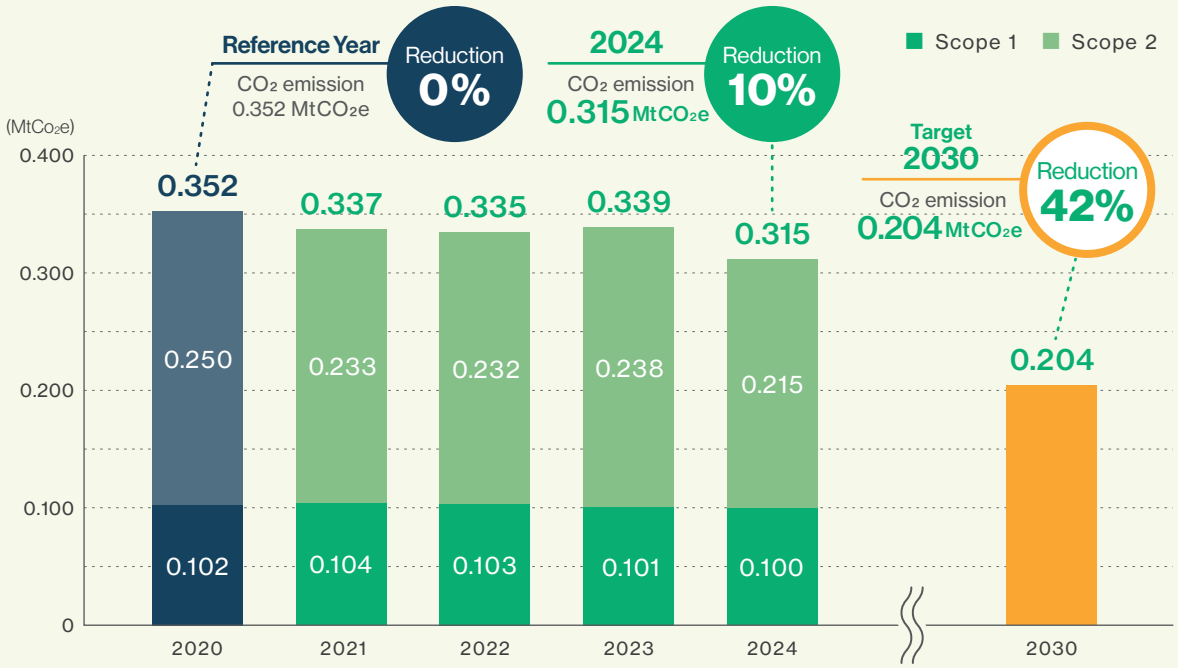
DS Containers Inc. (USA)

Daiwa Can Group's Scope 1,2 and 3

In the fiscal year 2024, the total Scope 1 and 2 emissions for the entire group were 315,000 tons, achieving an 10% reduction from the base year (2020). The Scope 3 emissions amounted to 2,012,000 tons, showing a slight increase from the base year (2023).

We will continue to promote the reduction of CO_2 emissions at the group level towards our targets in the future.

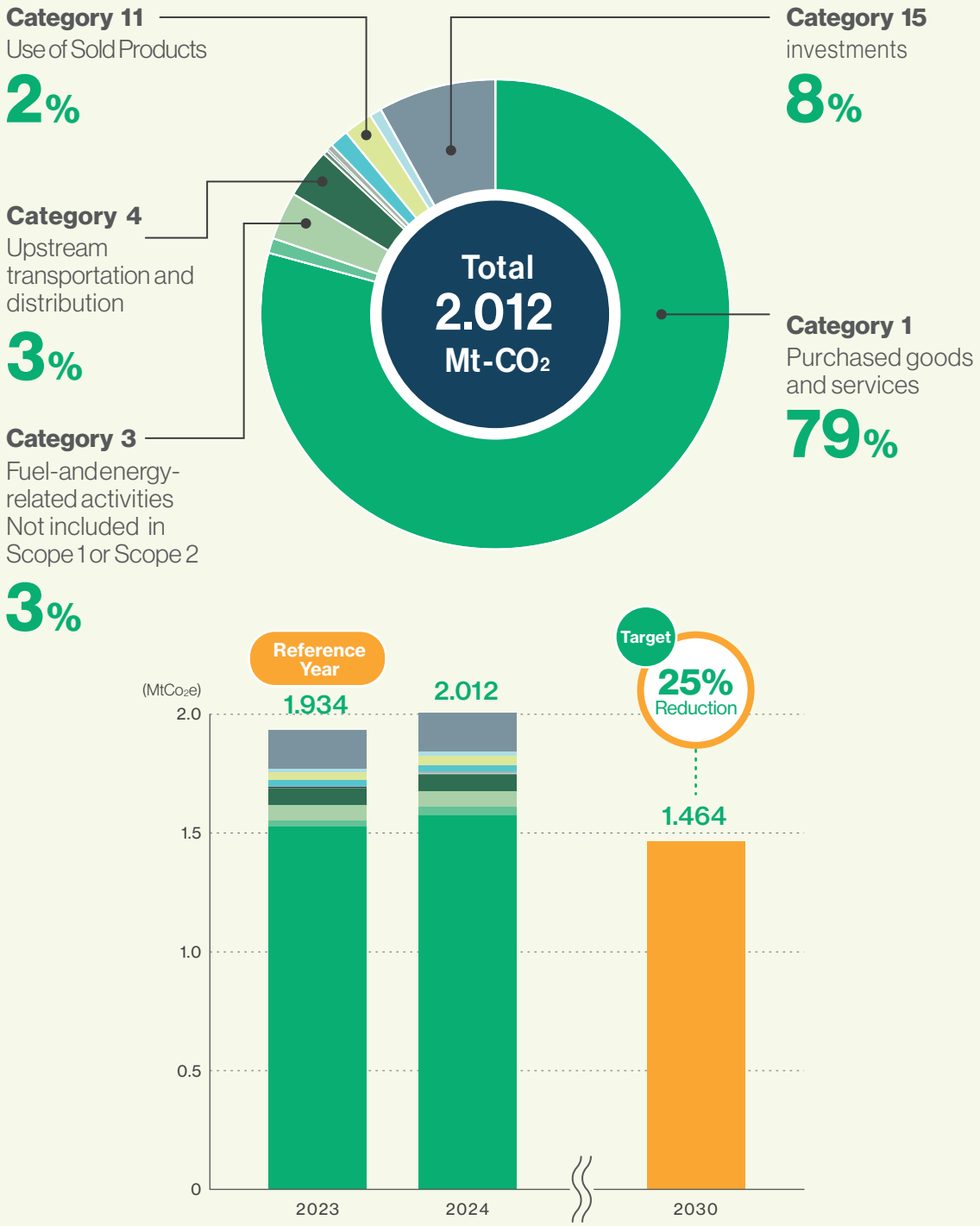
Transition of Scope 1 and 2 Emissions



Scope 1 and 2 Emissions by Country

		Unit : tCO_2e
Japan	Scope 1	87,000
	Scope 2	180,000
	Scope 1+2	267,000
USA	Scope 1	12,000
	Scope 2	27,000
	Scope 1+2	39,000
Taiwan	Scope 1	800
	Scope 2	9,000
	Scope 1+2	9,000

Transition and Breakdown of Scope 3 Emissions



* Categories 8, 13, and 14 are excluded from the calculation.

Funabashi Plant　Shift to 100% Renewable Energy

As a collaborative effort to achieve a decarbonized society, the electricity usage of both Sapporo Breweries Limited's Chiba Plant in Funabashi City, Chiba Prefecture, and our Funabashi Plant on the same site has been switched to 100% renewable energy starting from January 1, 2025.

Our Funabashi Plant is located in the premises of Sapporo Breweries Limited 's Chiba Plant, and due to its adjacency to the buildings of the company, we have already implemented an efficient collaborative system for material transportation. By switching both plants' electricity usage to 100% renewable energy, Sapporo Breweries Limited anticipates a reduction of around 18,000 tons of CO_2 emissions annually Scope 2 and 3 emissions combined.

Daiwa and Sapporo Breweries Limited will continue to collaborate with each other to contribute to the realization of a sustainable society.

100% Offset of Scope 2 Emissions in 3-Piece Can Manufacturing

We have started an initiative to offset 100% of the Scope 2 emissions generated during the manufacturing of 3-Piece Cans. This initiative stems from our desire to expand the user base of environmentally friendly steel cans with excellent recyclability.

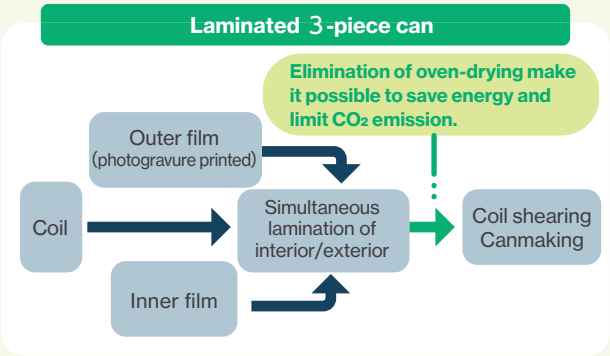
Through this initiative, we will further reduce the environmental impact of 3-Piece Cans and provide environmentally friendly options for the future.

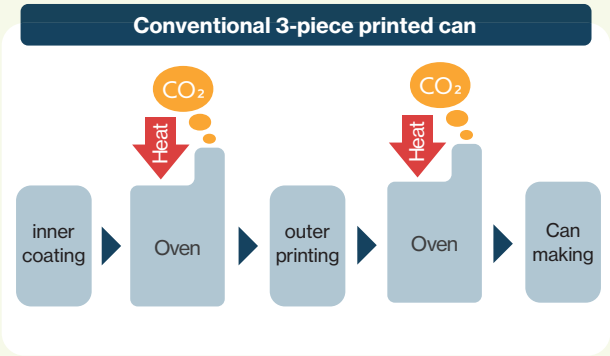
Energy Efficiency in the Manufacturing Process

Most of the CO_2 emissions in the can manufacturing process occurred during the step of using ovens after lacquer coating and printing. To reduce CO_2 emissions, we eliminated the oven process after interior and exterior coating and printing for 3-piece cans, New Bottle Cans, and Mini Bottle Cans, and promoted the replacement of the coating process with lamination using pre-printed PET film. Printing and painting on film dries faster compared to that on metal sheets, making the process more energy-efficient. This replacement has significantly reduced CO_2 emissions in the can manufacturing process.

Laminated 3-piece can

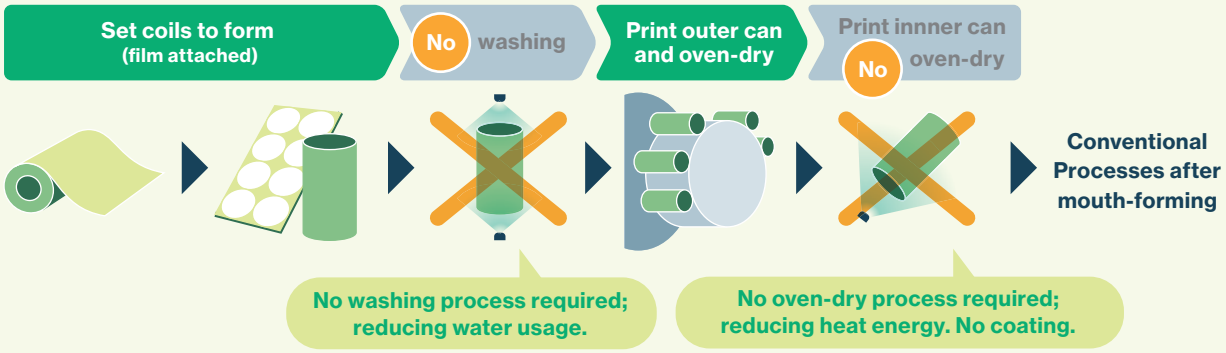
Through an innovative can-making method that laminates steel sheets, we have eliminated the oven process required after coating and printing in the production of traditional 3-piece cans.





New Bottle Can and Mini Bottle Can

Since the interior and exterior of the can are coated with PET film, the oven processes for interior coating and exterior base coating are eliminated.

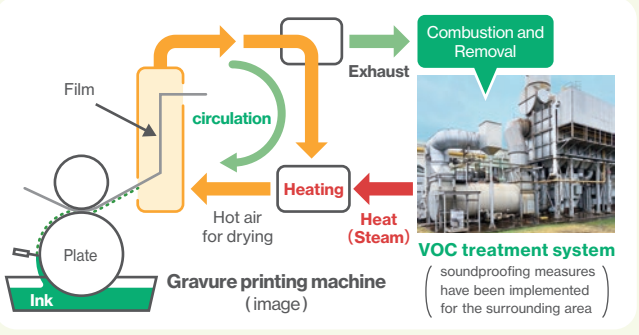


Management of VOC Emissions and Thermal Recovery

Volatile organic compounds (VOCs) in paints, inks, and solvents used in printing and painting can cause photochemical smog and airborne particulate matter.

Therefore, we manage and reduce their usage.

In the gravure printing lines that use a large amount of VOCs, the VOCs are combusted and removed before the exhaust is released. The waste heat generated from this combustion is recovered and reused as hot air in the printing drying process.



Initiatives Related to Logistics

We are also working to reduce GHG emissions in logistics.

By shifting the transportation method of can ends from land transportation to sea vessel transportation, we were able to achieve a significant reduction in CO_2 emissions. In the past, we have been recognized by the Ministry of Land, Infrastructure, Transport and Tourism as an excellent business operator for the Eco-Ship and Modal Shift programs.

Additionally, we have introduced the use of articulated trucks for transportation between Sagamihara (Kanagawa) and Kobe (Hyogo).

By doubling the loading capacity per transport, this improvement increases transportation efficiency and reduces CO_2 emissions by 28% compared to regular transportation.

In the future, by transitioning from a logistics system primarily based on land transportation by trucks to more efficient sea and rail transportation, we will build an environmentally conscious logistics system and continue our efforts to prevent global warming.

Utilization of Supply and Order Maps and Local Production for Local Delivery

We are promoting "local production for local delivery" by producing products at the nearest plant to the delivery destination, minimizing unnecessary transportation.

Until now, production and transportation have often been carried out at plants further away. However, considering the increasing demand to address both the logistics personnel shortage issue and environmental considerations, we have shifted our order policy to prioritize "local production for local delivery" starting from the fiscal year 2024.

To implement this policy, we have started sharing supply and order maps among the sales, supply chain management, and logistics departments. Following the information on the map, we optimized the order volume and production plans for each region to improve delivery efficiency. By introducing this scheme, we achieved a 17% reduction in CO_2 emissions from deliveries in the fiscal year 2024 compared to the previous year.

We will continue to achieve the construction of a sustainable supply chain that balances environmental considerations with stable supply.

"Slat Tubes" designed for Loading Efficiency

In the logistics industry, with increasing issues such as re-delivery of packages and shortage of delivery personnel, delivery methods which allow the packages to be dropped into mailboxes even when the recipient is absent and offer high truck loading efficiency are gaining attention.

Improvement of loading efficiency and reduction of re-deliveries due to the absence of the receiver, also contributes to a reduction in CO_2 emissions.

Delivery methods in which packages can be dropped into mailboxes have a limitation where the thickness of the package must be within 3 cm to fit in a mailbox. While large-diameter, high-capacity tube products could not be used with mail services, we have introduced oval-shaped tubes that minimize thickness even with large content volumes, and these have been very well received.

Internal Carbon Pricing System / Introduction of Green Investments

To incorporate action against climate change into our business decisions, we have introduced the Internal Carbon Pricing (ICP) system starting from the fiscal year 2024. As a result, we have established a system where we internally set a carbon price for GHG emissions and consider carbon costs in equipment investments and business decisions.

In addition, we have explicitly defined green investments in our mid-term management plan and intend to incrementally expand their scale moving forward. We aim to achieve sustainable manufacturing through the introduction of renewable energy, energy-saving measures, and investments in resource recycling technologies.

Initiatives of Group Companies

Dixie Japan Ltd. Introduction of on-site PPA

At Mohka plant, starting from March 2025, a self consumption type solar power generation system utilizing the On-site PPA model has been introduced, and have begun using electricity generated by renewable energy.

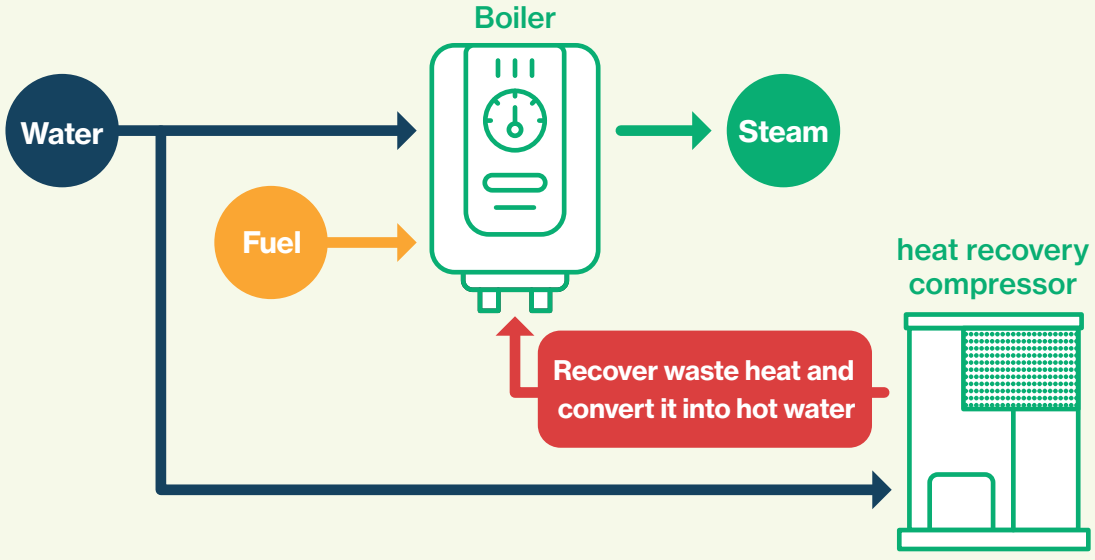
The output of the solar power generation facility is 1,116 kW, and the expected annual CO_2 emission reduction is approximately 700 tons.

Sanwa Can Co., Ltd. Introduction of Heat Recovery Compressor

At Tendo Plant of Sanwa Can Co., Ltd., a heat recovery compressor was installed and started operating in January 2023.

By recovering waste heat generated by the compressor and using it to raise the temperature of the water supplied to the boiler, it is possible to reduce fuel (A type heavy oil) required for steam generation in the boiler.

In the fiscal year 2024, we successfully reduced our annual CO_2 emissions by 30 tons.



KYC Machine Industry Co., Ltd. Nishiwaki Plants Operating on 100% Renewable Energy

The Nishiwaki plants are the main manufacturing plants of KYC Machine Industry Co., Ltd. and has been operating on 100% renewable energy since April 2023. The conversion of electricity used at the Nishiwaki plants,which amount to 80% of the total usage of KYC Machine Industry Co., Ltd*, we have made significant progress towards our carbon neutral goals. We will further accelerate our efforts to reduce CO_2 emissions and aim to adapt our business activities to a decarbonized society in the future.

* Results for the fiscal year 2021

■ Nishiwaki Plant No.2

Since its completion in 2013, solar power generation facilities have been installed on the roof of the Nishiwaki plant No.2.

The maximum instantaneous power generation amount is 468 kW/h, with an expected annual power generation of 496,000 kW. The electricity generated was all sold to The Kansai Electric Power Company, Incorporated, but starting from April 2023, we will be purchasing the non-fossil certificate at the same time as selling electricity and adding environmental value to the electricity used in the plant.

Nishiwaki Plant No.2

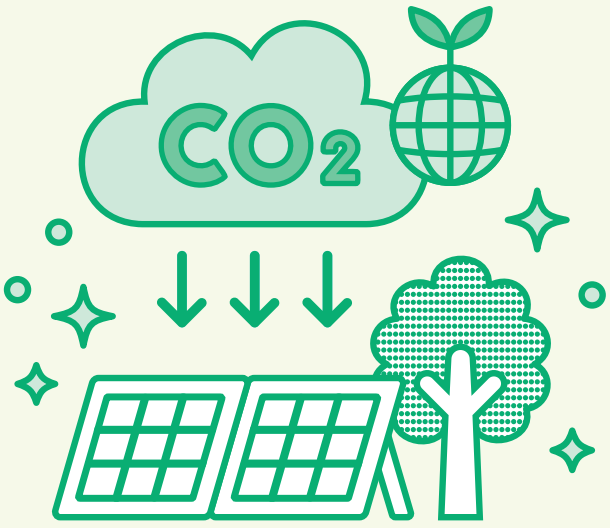
■ Nishiwaki Plant No.1

On-site PPA facilities were installed on the roof of the Nishiwaki Plant No.1 in April 2023. An estimated annual generation of approximately 400,000 kW is expected.

Nishiwaki Plant No.1

■ Introduction of "Renewable Energy Eco Plan" provided by The Kansai Electric Power Company, Incorporated.

The difference in electricity usage between the total electricity consumption at the Nishiwaki Plant and the electricity generated by solar power is offset by using CO_2-free electricity from renewable sources provided by The Kansai Electric Power Company, Incorporated.



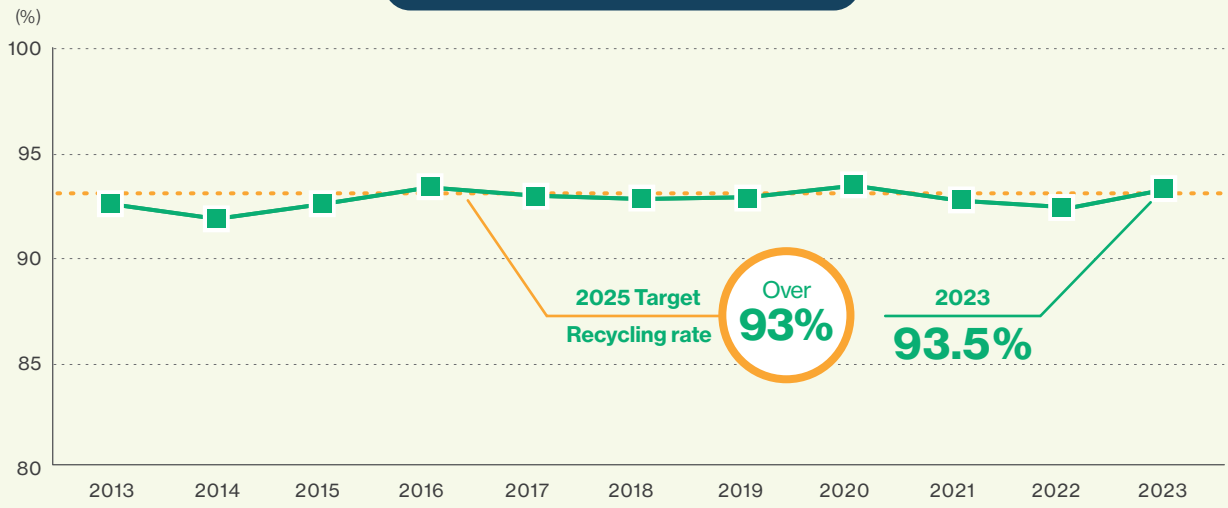
Materiality 2 : Realizing an Environmentally Circular Society

Recycling of Cans

From the late 1960's, as beverage cans became more common, the littering of empty cans became a social issue. In 1973, together with other companies and related industries, the "Japan Steel Can Recycling Association" and the "Japan Aluminum Can Recycling Association" were established, focusing on the development and implementation of a recycling system for empty cans.

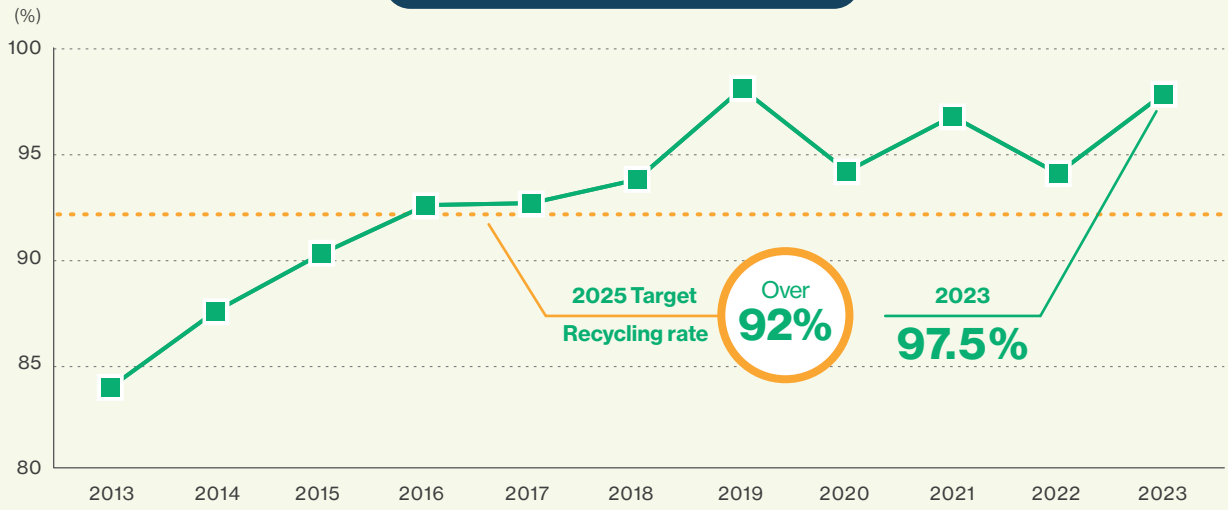
In the fiscal year 2023, the recycling rate for steel cans was 93.5%, and 97.5% for aluminum cans, both of which are at world-leading high levels.

Recycling Rate of Steel Cans



Source : Japan Steel Can Recycling Association

Recycling Rate of Aluminum Cans



Source : Japan Aluminum Can Recycling Association

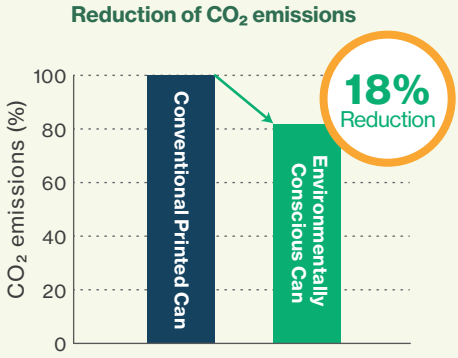
Lightweighting of Cans

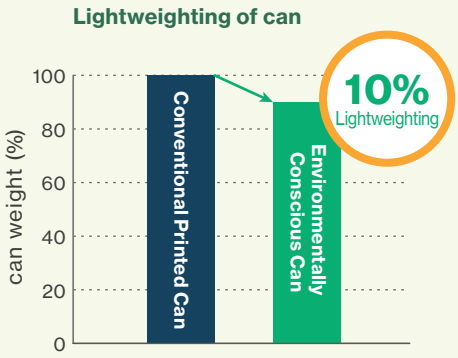
We are advancing the lightweighting of cans to reduce the amount of resources used, without changing their functionality and ease of use.

Environmentally Conscious Steel Can

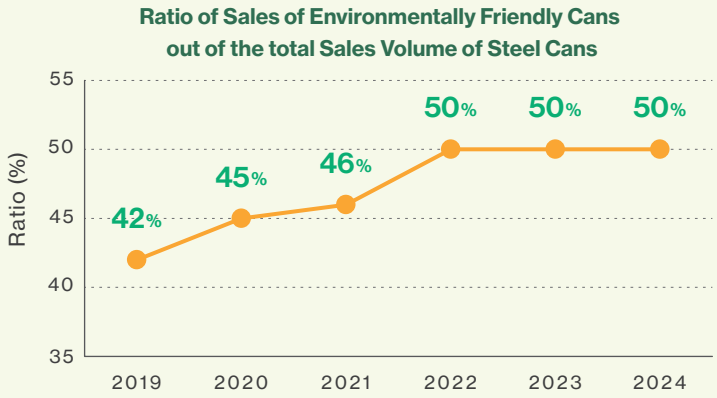
CO_2 emissions were reduced 15% through film lamination and 3% through lightweighting with bead processing, totaling a CO_2 emission reduction of 18%. The weight has been decreased by 10%.

bead processing can



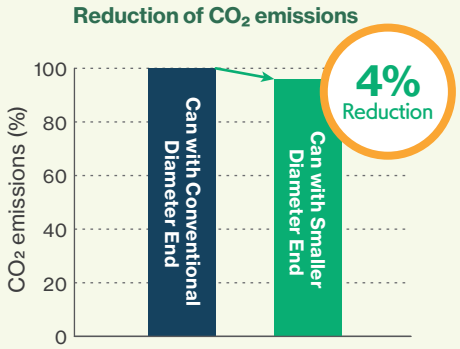


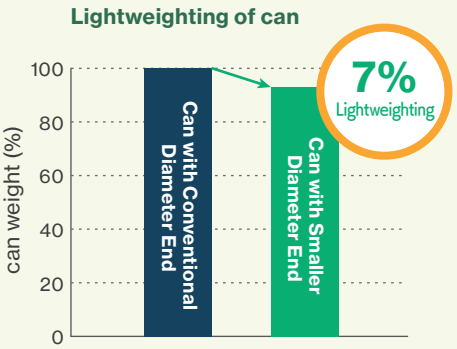
We are promoting the expansion of environmentally friendly cans, and in recent years, 50% of steel can sales have been replaced by lightweight film laminated cans.



2-piece Aluminum Can

By reducing the diameter of the ends and lightweighting the can body, we have reduced CO_2 emissions by 4% and can weight by 7%.



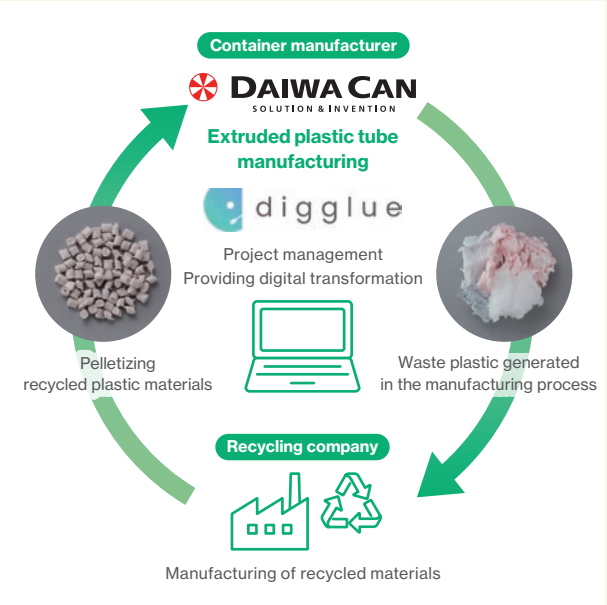


Closed-loop Recycling of Extruded Plastic Tubes

Daiwa, together with Digglue Co., Ltd., collaborated with Veolia Japan Group, which is engaged in recycling business, to crush and recycle the waste plastic generated in the manufacturing process of extruded plastic tubes into pellets. We conducted trials to produce extruded plastic tubes with material blended with recycled plastic, made quality evaluations and cost-effectiveness analysis.

The results of the tests confirmed that the products meet the quality requirements expected for containers for cosmetic and daily necessities without compromising the formability required for container manufacturing. Furthermore, by reusing the waste plastic generated in the extruded plastic tube manufacturing process, it has been revealed through the impact assessment that we can reduce the CO_2 emissions from our company by approximately 33%* compared to the conventional manufacturing process.

Based on the results of these tests, we will promote the commercialization of extruded plastic tubes utilizing waste plastic materials in the factory, aiming for new corporate collaborations to implement a resource recycling model in the long term.



* We calculated the system boundary from our manufacturing process and material production process to transportation, disposal, and recycling processes.

Recycled Plastic Bottles for Pump Foamers

As a container supplier, we actively cooperate in the commercialization of containers using recycled materials in response to the requests of brand owners.

We have been adopted by multiple companies for pump foamer recycled plastic bottles, such as "FANCL Pure Moist Foaming Face Wash" from FANCL. While using plastic bottles made from recycled resin, we ensure equivalent performance and quality to that made from virgin materials, supporting our customers in making sustainable choices.

As part of our efforts towards realizing a circular economy, we will continue to strive to expand of the utilization of recycled materials.

Pentawards Golden Award “Eco Marine Form”

“Eco Marine Form” is a design focusing on environmental considerations, assuming the effects of "reducing detergent usage" and "reducing plastic usage" by using our pump formers and bottle cans. To reduce plastic usage, we have adopted our Bottle Cans for the bottle body, allowing for re-fillability by replacing the Bottle Cans.

We entered the international package design competition “Pentawards 2024” and won the Golden Award in the Concept category.

Tube made from Biomass Materials

We sell tube products made from 100% biomass resin derived from renewable biomass resources such as sugarcane and maize, used in both the inner and outer layers of the tube body. These products made from biomass resin have the same performance standards as conventional petroleum-based resin tubes, and is highly evaluated as an environmentally conscious product while allowing for the same product design and functionality.

Steel New Bottle Can

We have developed a Bottle Can using environmentally superior steel material with metal container forming technology and provided them at the “ IPM (International Participants Meeting) 2024 Summer" of the Expo 2025 Osaka, Kansai, Japan. Iron, which is the main raw material of steel, is characterized by being easily separable due to its attraction to magnets, making it highly recyclable. Additionally, after use, it can be recycled back into the same material, allowing for infinite cycles of recycling, making it excellent in sustainability.

This is the second offering of this packaging following IPM 2023 Autumn, and this time, we have used ingredients and flavors from Japan such as grapes (Shine Muscat), apples, and yuzu to be enjoyed by participants from around the world. Additionally, the salt in the yuzu salt soda has been carefully selected from Noto area, Ishikawa Prefecture, to create a refreshing taste.

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Data provision：
Japan Association for the 2025 World Exposition

1 Day Steel Cup

As part of our efforts to realize a circular society, we have developed the “1 Day Steel Cup” manufactured from steel plates for cans as a container to be used for events.

After use, steel can be separated using magnets, and by melting in a furnace, impurities can be removed, allowing it to be returned to the same material and recycled into steel products repeatedly. Additionally, as it is made using the same method as regular steel cans, no water is used during manufacturing, and it can be recycled through existing collection systems.

We have also obtained the “Eco-Leaf Environmental Label,” which discloses environmental information quantitatively.

Materiality 3 : Waste Reduction

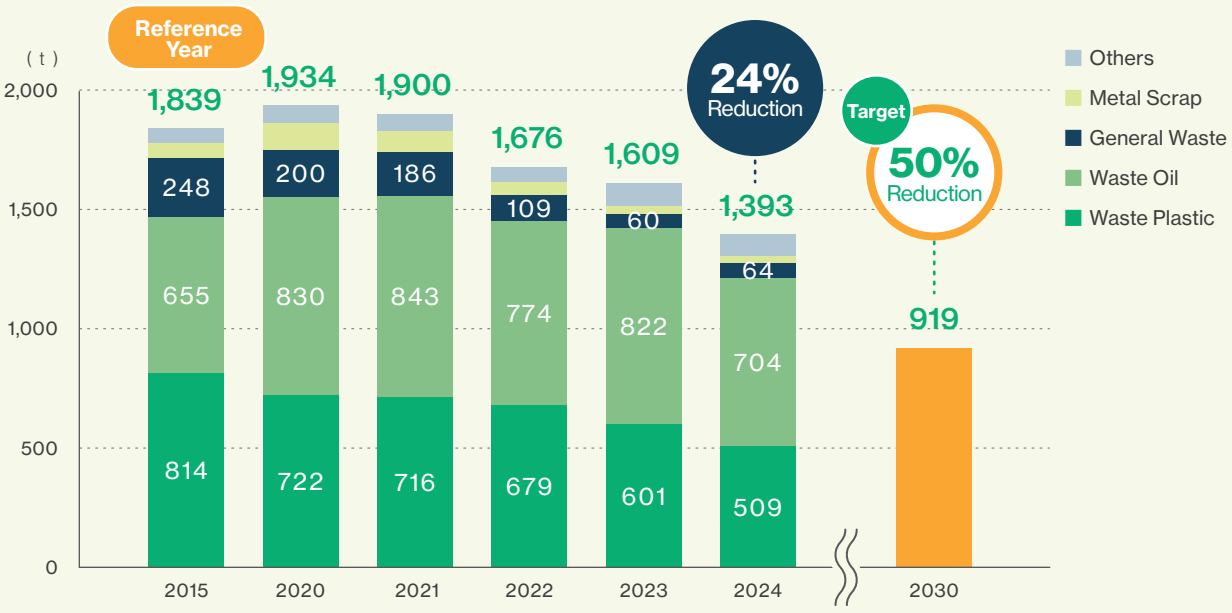
Waste Reduction

The industrial waste emissions for the fiscal year 2024 amounted to 1,393 tons, excluding sludge, representing a 24.3% reduction compared to the base year.

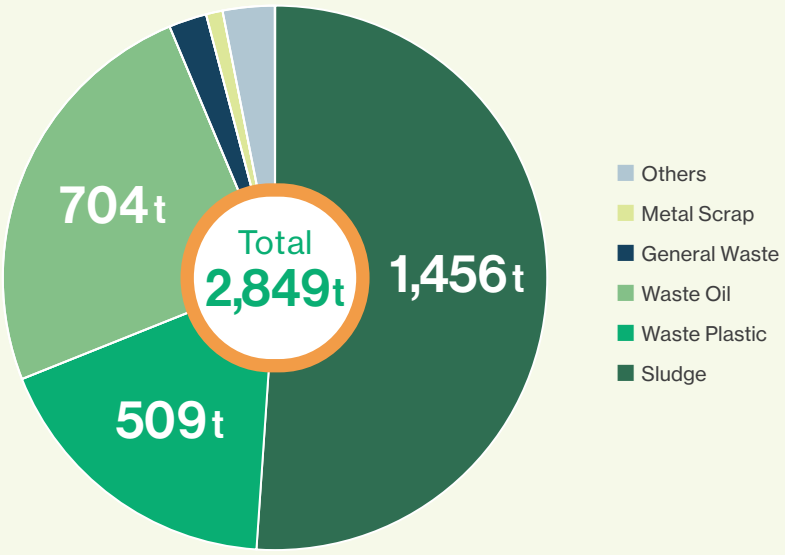
We are working on thorough separation of general waste and the recovery of materials discarded in each manufacturing process, increasing the number of items that can be recycled and recovered as valuable resources instead of waste. Compared to the base year, plastic waste has been reduced by 37.5% and general waste by 74.2%.

Total emissions, including sludge, amounted to 2,849 tons. With regards sludge, the discharge form has been changed from a dry form to a clayish form in order to reduce dust, thus the discharge amount by weight is increasing in recent years. We will continue to consider measures to reduce sludge emissions.

Excluding sludge



Total



Internal Utilization of Tube Waste Materials

We are reviewing our current methods of handling plastic waste generated in the manufacturing process of extruded plastic tubes and we are working towards reusing it internally within the company.

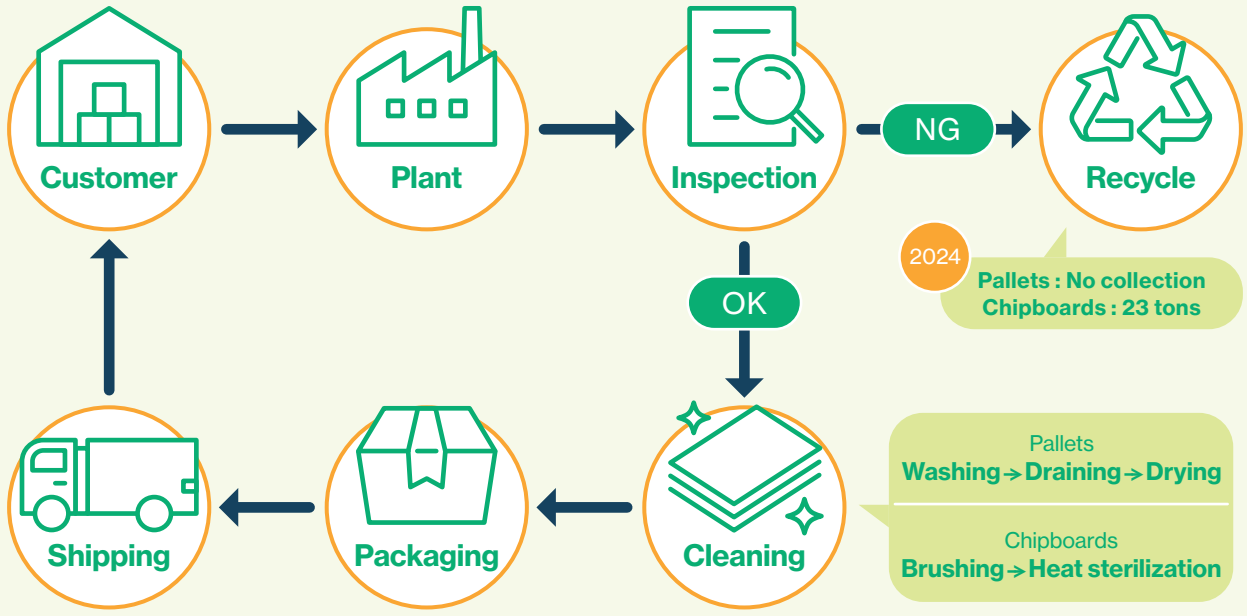
The waste materials, which were previously treated as industrial waste, have been collected separately and sold to collecting companies during the past few years, promoting recycling. Furthermore, we have initiated a new effort to manufacture garbage bags using pellets made from these waste materials to be used in Daiwa' s plants, laboratories, and development centers. By reusing these materials, we are not only reducing the use of new plastic garbage bags but also achieving internal circulation of waste materials, leading to further reduction of environmental impact and effective utilization of resources.

Reuse of Packaging Materials

Plastic pallets and chipboards used to pack empty cans are collected by trucks returning from customers and are reused after an inspection and cleaning process. Through the promotion of collection from customers and the dissemination of appropriate handling for reuse via shipping personnel, the disposal rate has been reduced year by year. In the usage status for the fiscal year 2024, plastic pallets being reused approximately 200 times while chipboards were reused about 100 times. ※

Additionally, even after they have reached their lifetime, they are recycled. In the fiscal year 2024, we recycled approximately 23 tons of chipboards, contributing to the reduction of waste.

※ All products were estimated as 2-Piece Cans.



In-house Training

Environmental Training for the Fiscal Year 2024

In the fiscal year 2024, we held a seminar "Environmental Regulations Seminar," where external speakers from the Japan Management Association delivered lectures on the following topics: ① Compliance with environmental laws and regulations, ② Basics of act on waste management and public cleaning, ③ Resource circulation, ④ New laws related to decarbonization and energy, COP29, and ⑤ Biodiversity.

A total of 183 participants from 8 plants, headquarters, laboratories and development centers attended, marking the highest number of participants to date.

List of past training programs

Year	Title	Participants	Contents
2023	Seminar on Environmental Laws Revisions and recent trends in ESG.	150	Wide range of topics, not limited to specific themes, such as trends in environmental law revisions and recent developments related to ESG. 1. Amended Act on Rational Use of Energy 2. GX Promotion Act (Carbon Tax) 3. Act on the Assessment of Releases of Specified Chemical Substances in the Environment and the Promotion of Management Improvement. Chemical Substance Regulation related to Industrial Safety and Health Act 4. DX Topics 5. GX League 6. J-credit 7. EU Taxonomy for Sustainable Activities 8. Overview of Carbon Border Adjustment Measure 9. COP28 10. Waste and Resource recycling
2022	Seminar on Act on Waste Management and Public Cleaning and Reduction Measures	63	Basic context of act on waste management and public cleaning and specific violation cases, while also learning information about waste reduction methods.
2021	Environmental Laws Seminar	112	Our company is promoting initiatives such as prevention of pollution and waste reduction, and compliance with environmental laws has become a standard in environmental management moving forward. This time, instead of focusing on specific laws, details on environmental laws that are particularly relevant to our company were covered.
2020	SDG's Introductory Seminar	147	Seeing the current situation surrounding businesses, 17 goals and 169 targets of SDG's have been set as common global objectives and efforts are being carried out towards achieving them by 2030. Also at our company, the principles set out in SDG's are regarded as fundamental, particularly in initiatives for CO_2 reduction to address "climate change" and fulfilling our "responsibilities in production".
2019	Basic Water Quality Seminar 2	66	Objectives and regulatory content of the Water Pollution Prevention Act, as well as the basics of wastewater treatment and water quality accident cases were covered. Additionally, understanding of the fundamentals and regulatory content of the Purification Tank Act were included. A seminar on water-related laws was held six years ago, but this time the updated regulations were included. Furthermore, specific regulations that require careful compliance in accordance with the current situation of our company were confirmed.
2018	Basic Air Pollution Seminar 2	55	Seminar on the background, objectives, and legal requirements (applicable requirements) of laws related to air pollution, such as Air Pollution Control Act, Emission Control of Volatile Organic Compounds, Pollutant Release and Transfer Register, Ordinance on Prevention of Organic Solvent Poisoning, and Ordinance on Industrial Safety and Health. A seminar for air pollution was held four years ago, but this time served as a regular review where the points that our company should comply with were confirmed, making the seminar very practical.
2017	Seminar on Recent Trends in Environmental Laws	60	Covered the trends in environmental law amendments over the past three years and the legal requirements (applicable requirements) associated with them.
2016	Seminar on "Act on Waste Management and Public Cleaning"	66	Waste is generated through our business activities and the responsibility to comply with "Act on Waste Management and Public Cleaning" lies with the company. The basic content of the law, the fundamentals of waste disposal, key points of the law, and the Act on Special Measures concerning Promotion of Proper Treatment of PCB Wastes were covered, including key points related to waste disposal subcontracting agreements. Important practical points related to subcontracting agreements for waste disposal were also covered.
2015	Environmental Laws Seminar	83	Our business activities have a certain impact on the environment. To maintain an environment suitable for everyday life, it is important to comply with laws related to the environment. This seminar returned to the basics and touched on the overall framework and setup of environmental laws and recent trends. In addition, several case studies about key points to pay attention to in our daily operations were covered.
2014	Basic Air Pollution Seminar	79	An average person breathes about 14 kiloliters of air daily. In order for us to maintain a healthy physical state, it is vital to keep the air clean. In this seminar, past incidents related to air pollution, the efforts to prevent air pollution, and the progress made in improving air quality were covered. We also confirmed air quality standards and the overview of regulations related to air, as well as the key points that businesses should be aware of.

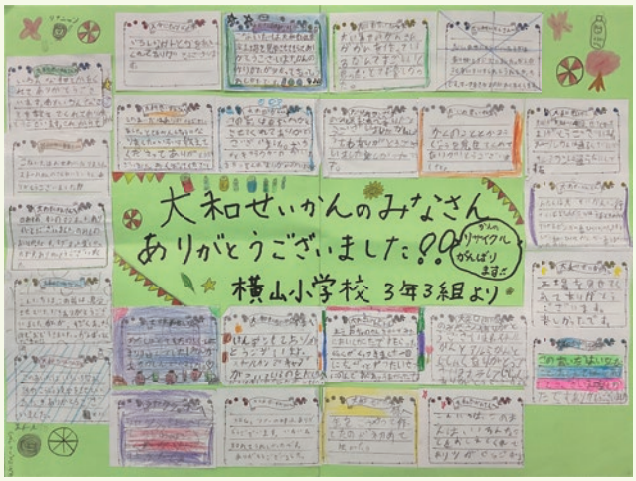
Other activities

Tokyo Plant　SDGs tour

At the Tokyo plant, we conducted plant tours named "SDGs Tour" for local elementary school students. In the fiscal year 2024, a total of 595 elementary school students from 8 schools visited and learned about the sustainable initiatives of can manufacturing.

The tour is integrated with our company's website, and by scanning the QR code on magnets which were distributed during the tour, elementary school students are able to access special website. By incorporating a mechanism for further online learning after the tour, we aim to enhance the children's motivation to learn.

This activity is conducted as part of our company's social contribution efforts, providing children with a valuable opportunity to learn about environmental issues and the importance of a sustainable society. Through education activities rooted in the community, we aim to strengthen bonds with the local community and spread our company's environmental awareness to public more widely.



Shimizu plant　Sponsoring Kusanagi Culted

At the Shimizu plant, we place importance on collaborating with the local community and sponsor an organization called “Kusanagi Culted." This organization is engaged in various activities aimed at promoting collaboration among industry, academia, government, and the local community, as well as revitalizing the area and environmental conservation. The Shimizu plant also supports these activities.

As part of Kusanagi Culted's activities, we conduct regular community cleanup activities. In the activities for the fiscal year 2024, employees and their families from the Shimizu plant participated and contributed to this initiative. Through these efforts, the Shimizu plant is committed to engaging in activities that balance environmental conservation and local development.

草薙カルテッド

DAIWA CAN
SOLUTION & INVENTION

Daiwa Can Company

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December, 2025