



Environmental Report 2022

Trinity Industrial Corp.

Message from Top Management

**With our technological edge,
we contribute to solve global
environmental issues,
toward sustainable society.**



Toshiaki Tamaki, President

Climate change appears to be advancing steadily around the globe. In Japan, too, patterns of rainfall have clearly changed, resulting in considerable damage from flooding. Government administrations are moving quickly to address environmental issues, as seen in Japan's enactment of the Plastic Resource Circulation Act in April of this year to deal with the problem of plastic waste and its serious impacts on marine life.

In the automobile industry, too, companies are speeding up initiatives related to the circular economy, the SDGs/ESG, and combating global warming, as seen in companies successively making announcements of electric vehicles and accelerating target years for achieving carbon neutrality. Our Company has a renewed commitment to our belief that if we cannot offer solutions to these social issues, the significance for our existence will come under question.

Over many years, Trinity Industrial has undertaken the development and installation of energy-saving and resource-saving equipment and instruments, as well as the environmentally friendly production and creation methods for automobile parts. Last year, we brought together our equipment and parts technologies to launch the operation of new all-electric painting lines that reduce CO₂ emissions by 70%. Applying our knowledge and technologies as a “general engineering

company effectively using heat, water, and air” to areas other than painting, we have also developed new particulate removal equipment that contributes to the improvement of the work environment for welding process. We were greatly encouraged by the receipt of the fiscal 2021 “Excellence” Environmental Activity Award and the fiscal 2021 Technical & Development Award from Toyota Motor Corporation in recognition of such activities.

In the current fiscal year, too, we are steadily and tenaciously advancing initiatives that contribute to the global environment, including recycling resources through re-pelleting in the molding process and introducing on-site solar power as a source of renewable energy.

In April of this year, we revised our TRINITY VISION 2030 medium-term vision with “Bringing a sustainable future to the earth through technology” as our aim. In June, we announced our Sustainability Policy that summarizes policies in the areas of the environment, society, and corporate governance.

By tackling global environmental issues through the power of technology, we hope to contribute to a sustainable society. We ask for your continued guidance and support.

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Corporate Information

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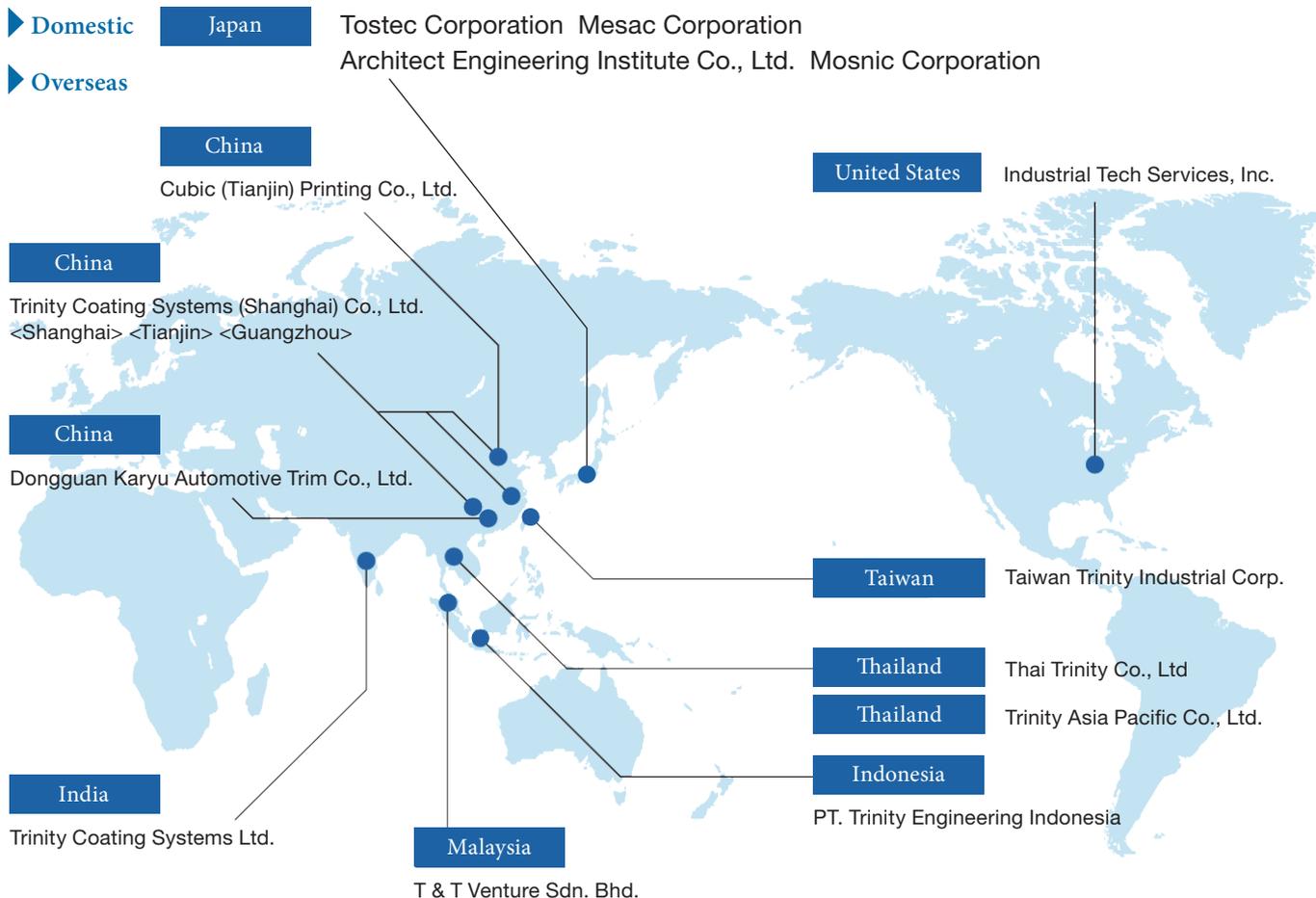
Established	July 1, 1980
Location of head office	1-9 Kakimoto-cho, Toyota, Aichi
Capitalization	1,311 million yen
Sales	Consolidated: 34,161 million yen Non-consolidated: 26,812 million yen (fiscal year ended March 31, 2022)
Employees	Consolidated: 964 Non-consolidated: 776 (as of March 31, 2022)
Business operations	Design, production, and construction of paint plants, painting systems, and industrial machines Manufacture of automotive parts

Offices



Tokyo Branch Office Osaka Branch Office Tohoku Sales Office Tahara Sales Office Kyushu Sales Office

Major affiliates



Business Overview

Business Overview Trinity Industrial is active in two business fields: the equipment business and the parts business.

◆ Paint and Application Systems Division

We offer integrated service that spans planning, design, manufacturing, installation, and after-sales service for customers' paint plants.

Paint plant

From entrance to exit, we propose painting processes with cutting-edge environmental technologies.



Pre-treatment system



Electrodeposition coat system



Painting booth/Air make up system



Oven

Painting systems

Paint supply system

Our machines enable control of the paint discharge amount to adjust the painting film thickness, changing colors using the paint/cleaning valves, and painting in varied colors.



Painting robot systems

This system stabilizes painting quality and improves productivity.



Paint Applicators

We offer a lineup of paint applicators suited to different applications.



ix bell



Non-electrostatic bell



Spray gun



Color change valve



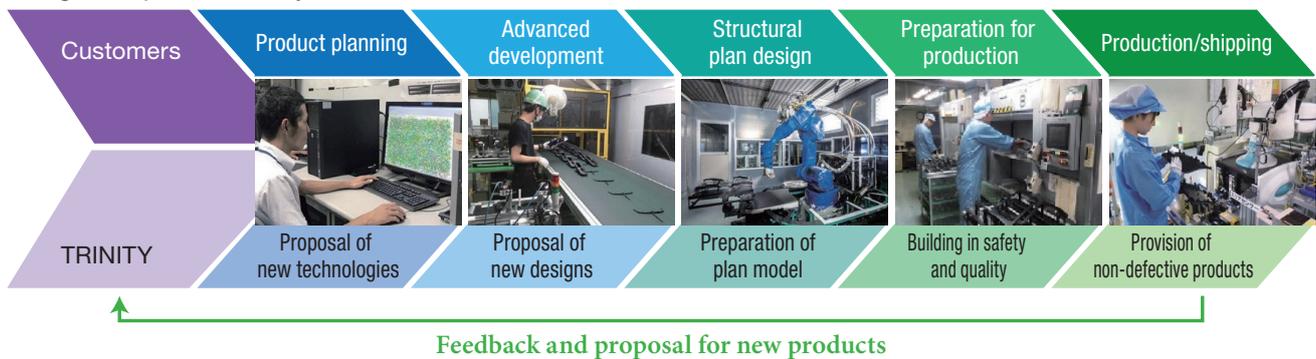
Module CCV



Flushable gear pump

◆ Automotive Parts Division

We are developing an integrated business that spans planning, design, molding, decoration, and assembly through an integrated production system.



Main products

Interior components (painting, hydraulic transfer, laser etching)



Center cluster panel



Steering wheel



Console panel



Switch base panel

Exterior components (painting)



Locker mold



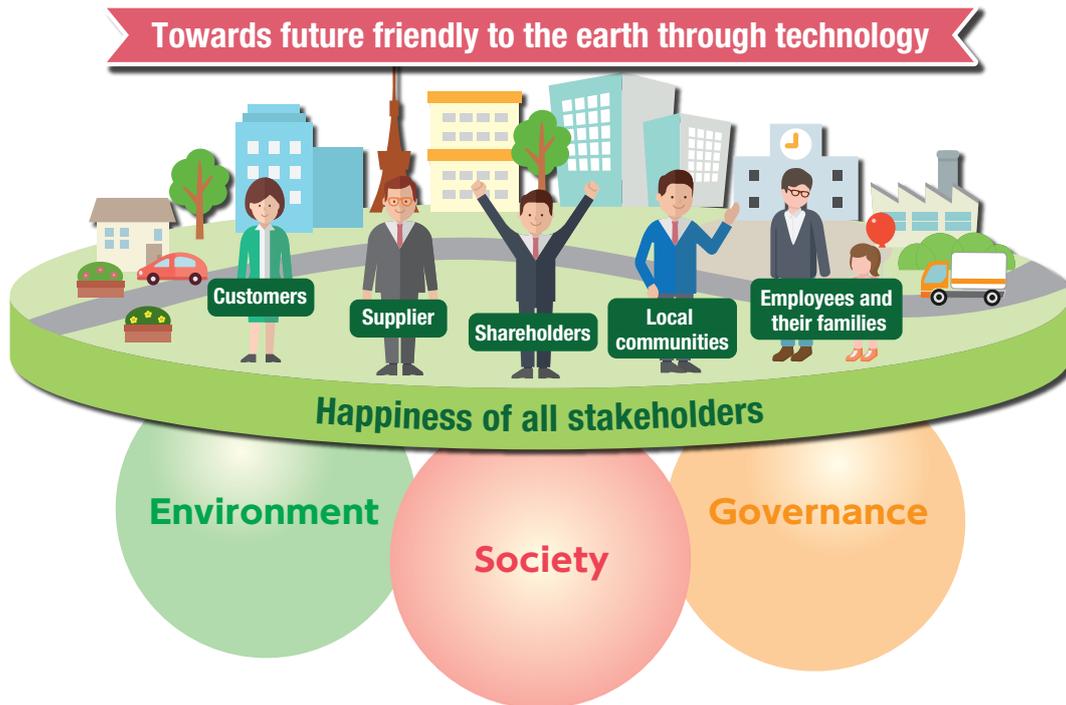
Front grille

Sustainability Policy

“Trust and Creativity”, this is our corporate motto from establishment. And we have prioritized Safety, Quality, as well as Customer-First mindset, for a long time. Always these in mind, Trinity Industrial Corporation wants to be a company, necessary for society.

We are Engineering Company, specializing Heat, Water, and Air total management. With this technological competitive edge, we contribute to creating the future, kind to the Earth.

Also, we motivate our associates to fully sympathize with SDGs’ principles, to take actions voluntarily to those goals. Including these examples, Trinity Industrial Corporation will continuously make the best efforts to maximize Happiness, to realize Sustainable Development, for all stakeholders.



Environment

Continuous development of innovative technologies for protecting natural environment, for better living environment.

Society

Good Corporate Citizenship to build prosperous society, for all stakeholders’ happiness.

Governance

Compliance with relevant legislations, and open, clean, fair corporate activities through communication with stakeholders as well.

Environmental Policy

01

We exert effort to preserve the environment through complying with the environmental laws and regulations stipulated by national and regional governments as well as by establishing and achieving our own environmental standards.

02

We work continuously on modifying our production processes to reduce waste and energy consumption by further improving our technology through efforts to develop environmentally conscious product technology.

03

We forecast and evaluate the effect of our production activities on the environment, with each staff member being aware of and responsible for voluntary control aimed at environmental preservation in our production processes.

04

We aim for a better global environment, actively working to contribute to society and the earth, not only as a company but also as good citizens, through the collective efforts of the entire company.

Environmental initiatives and the SDGs

With our Environmental Policy, we challenge environmental issues such as global warming, circular economy, and contribute achieving Sustainable Development Goals (SDGs).

Initiatives	Activities	Related SDGs
Contribution to the prevention of global warming	<ul style="list-style-type: none"> ① In-house activities toward carbon neutrality <ul style="list-style-type: none"> • Visualization and reduction of energy consumption • Reduction of defect rate, improvement of operating rate, etc. • Introduction of renewable energy ② Development and introduction of equipment that contributes to zero CO₂ for customers 	
Eco friendly products	<ul style="list-style-type: none"> ① Activities that reduce impacts on water environments <ul style="list-style-type: none"> • Wastewater treatment, water quality management • Development and introduction of equipment that contributes to waterless operation ② Management and reduction of chemical substances and waste ③ Development and introduction of equipment that contributes to the conservation of materials and resources ④ Recycling and reuse of waste plastics in production 	
Environmental technology innovation	<ul style="list-style-type: none"> ① Development of new environmental technologies ② Motivating of innovation through technology awards, commendations, etc. 	
Biodiversity and social contribution	<p>Promoting activities to nurture ecosystem as a member of local communities.</p> <ul style="list-style-type: none"> ① Society in coexistence with nature ② Activities that contribute to communities 	

Received “Excellence” Environmental Activity Award

In March 2022, we received the fiscal 2021 “Excellence” Environmental Activity Award from Toyota Motor Corporation. The award recognized that our activities have contributed to Toyota Motor Corporation's environmentally considerate initiatives, particularly its start and subsequent action in tackling carbon neutrality. Under our sustainability policy, we will continue with initiatives aimed at the development and advancement of environmentally friendly and innovative technologies.

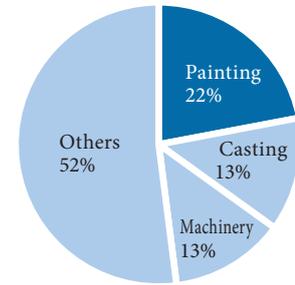




CO₂ Contribution through engineering technologies that reduce emissions and water usage

As a company involved in the painting processes that emit a high proportion of CO₂ in automobile manufacturing processes, in every painting process from pretreatment to final coating and drying, we provide unique, environmentally friendly advanced technologies and contribute to reducing the environmental impacts of our customers' plants.

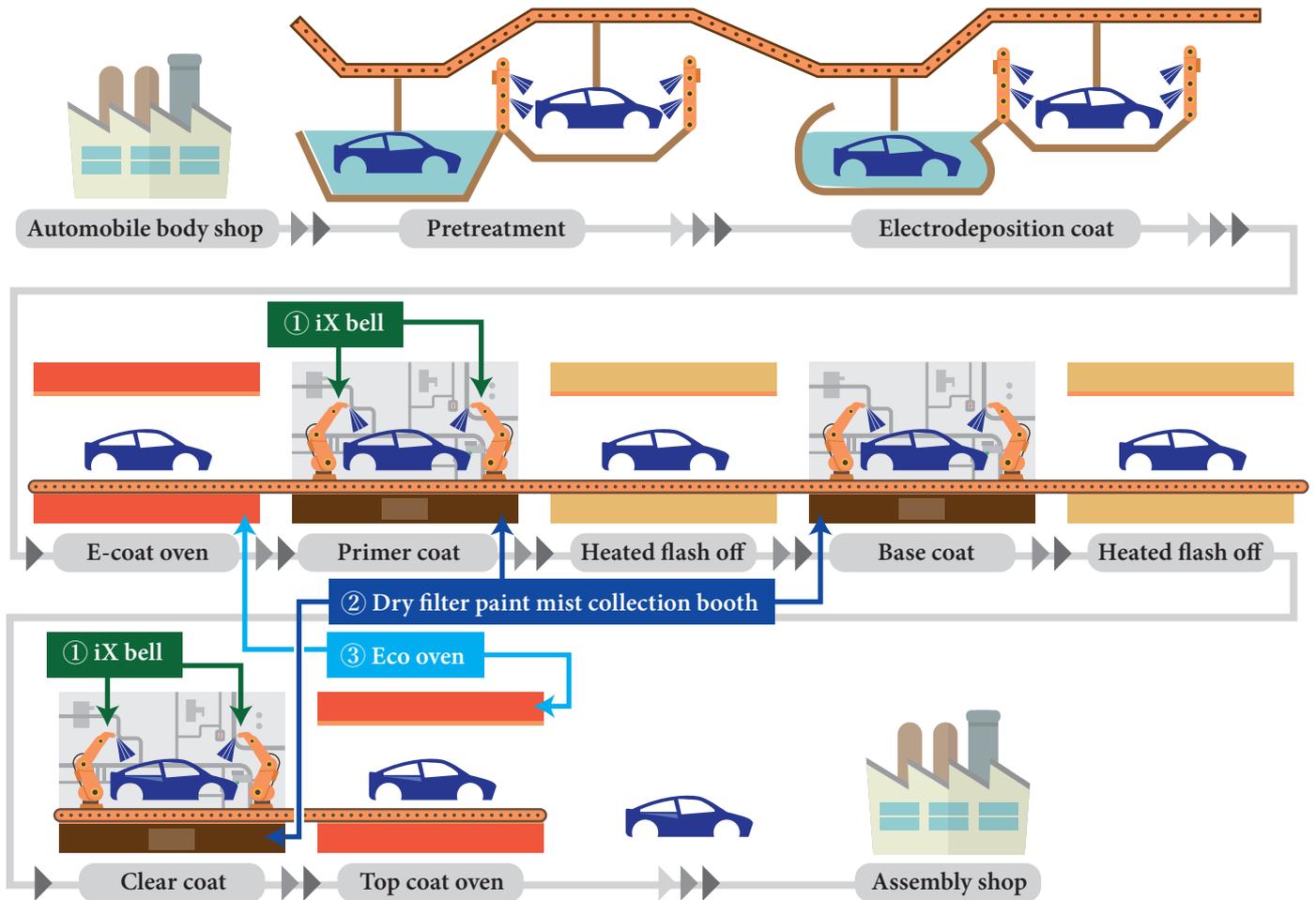
Percentage of CO₂ emissions by automobile manufacturing process



Painting processes and main environmental technologies

In painting, a number of processes protect the surface of products and provide a beautiful finish. Just as cosmetics includes face wash, basic skin care, makeup base, foundation, and so on, painting processes includes washing, electrodeposition, primer coating, clear coating, drying, and other steps. Each of these processes requires the heating and cooling of water, air, and chemicals, and thus a large amount of energy. We develop and provide technologies and equipment that reduce the amount of energy consumed in these processes and achieve waterless operation.

Our Company's main environmentally friendly painting equipment

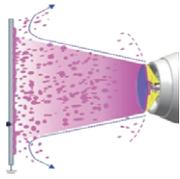
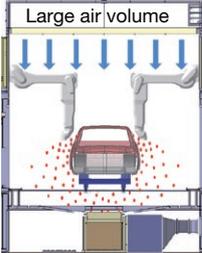
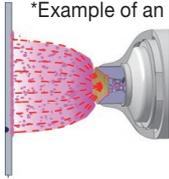
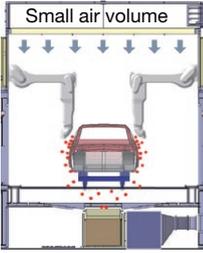
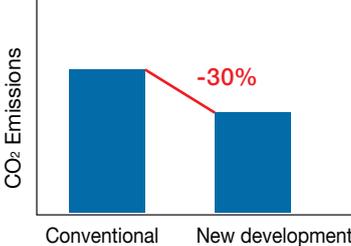




① iX bell (super high transfer efficiency)

Achieving world-class transfer efficiency through cutting-edge technology utilizing static electricity

In place of the conventional air spray-based painting machines used in the automobile painting process, we maximized the use of static electricity to reduce airflow volume and developed a new-type painting machine with high transfer efficiency. This has reduced CO₂ emissions by approximately 30%.

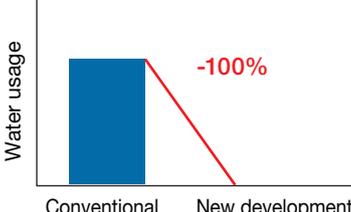
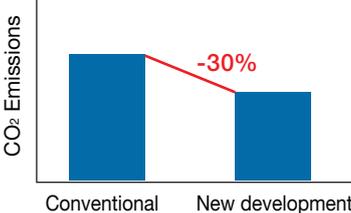
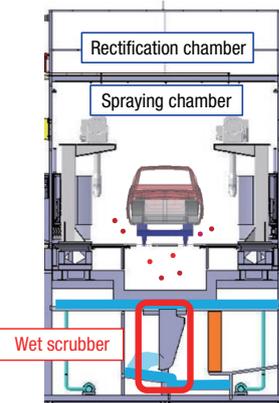
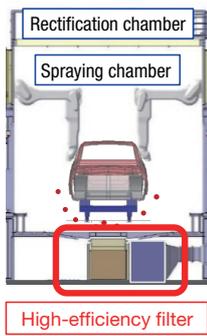
Conventional	New development	Efficacy
Air spray painting machine Transfer efficiency 60 to 70%	Airless electrostatic painting machine Transfer efficiency 95% or higher	As there is little paint mist splashback, the booth air volume can be reduced, which contributes to conservation of energy. Less splashback also reduces staining of the booth interior and simplifies cleaning.
 <p>Paint mist splashback is considerable; transfer efficiency is low</p>  <p>Large air volume</p>	 <p>*Example of an automobile body No splashback of paint mist; transfer efficiency is high</p>  <p>Small air volume</p>	
		<p>Effect of reducing booth air volume</p>  <p>CO₂ Emissions</p> <p>Conventional New development</p>

Patented

② Dry filter paint mist collection booth (waterless)

Achievement of paint mist collection equipment that uses no water, through the high-efficiency filter

In the past, we used water to collect over spray paint mist. We have now developed a waterless paint mist collection technology that eliminates water usage and reduces CO₂ emissions by approximately 30%.

Previous booth	Newly developed dry booth	Efficacy
Collection of washing paint mist through water contact with paint mist	Dry paint mist collection using a high-efficiency filter	 <p>Water usage</p> <p>Conventional New development</p>  <p>CO₂ Emissions</p> <p>Conventional New development</p>
 <p>Rectification chamber Spraying chamber Wet scrubber</p>	 <p>Rectification chamber Spraying chamber High-efficiency filter</p> <p>No need for water circulation and low drop in pressure result in reduced fan load</p>	

Patented



③ Eco oven

Shortening of heating time through compact oven and new-type amplifier nozzle

By making the space inside the oven as small as possible, developing a new-type blower nozzle that efficiently applies hot air, and locating it in a location where the auto body or other workpieces are not easily heated, we enabled energy-saving drying and reduced CO₂ emissions by approximately 20%.

Conventional	New development	Efficacy
<p>Cross section of oven</p> <p>9 m² Oven width Oven height Automobile body (Treated item) Internal ducts Conventional nozzles</p>	<p>Cross section of oven</p> <p>6 m² Oven width Oven height Automobile body (Treated item) Internal ducts New-type amplifier nozzle</p> <p>Volume ratio -56%</p> <p>Catches hot air around the nozzle for a large amount of amplification</p>	<p>We remodeled the cross-sectional shape and the internal duct arrangement to minimize the space inside the oven, enabling efficient heating. Adopting a new-type amplification nozzle achieves efficient application of hot air and energy-saving drying.</p> <p>CO₂ Emissions</p> <p>Conventional New development</p> <p>-20%</p>

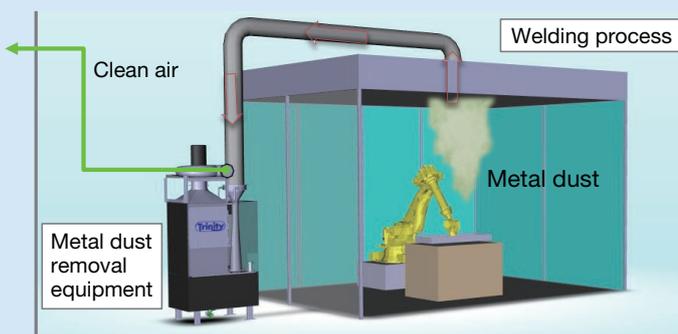
Patented

Equipment applying technology developed in the painting process
- Circulating metal dust removal equipment for welding process -

Measures to combat fires through the efficient removal of metal dust generated in welding

Through further advancement of the paint mist collection technology used in painting processes, we developed equipment that removes the smoke-like metal dust generated in welding. Its particulate removal performance is approximately 40% higher than that of previous equipment, enabling the exhaust of clean air. Using a water-based method of particulate removal that extinguishes welding sparks, the metal dust removal equipment safely prevents fires.

This metal dust removal equipment received the fiscal 2021 Technical & Development Award from Toyota Motor Corporation.





Environmental management based on ISO14001

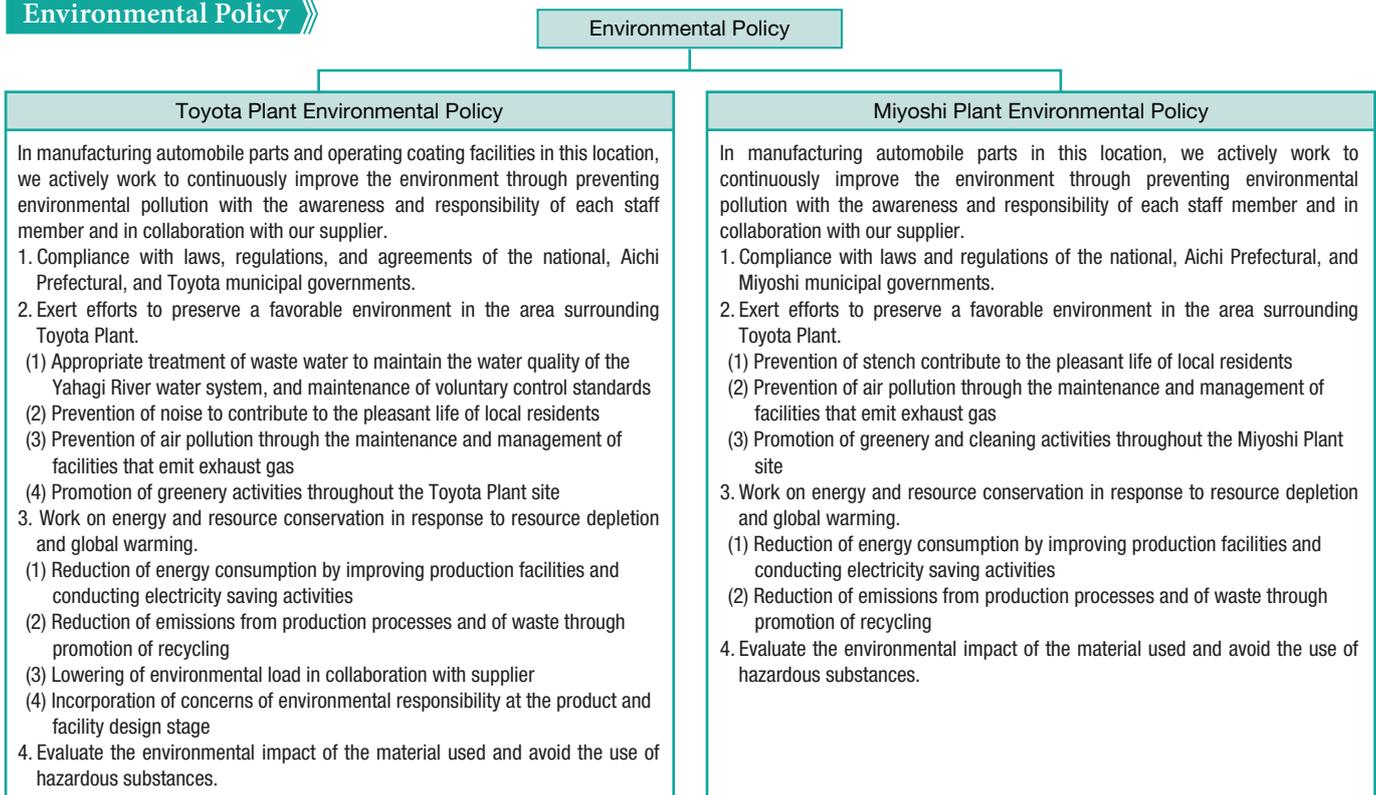
Production activities at our Toyota Plant and Miyoshi Plant are centered on automotive parts. We believe that we bear a responsibility as a company to minimize the environmental impacts from our product manufacturing and service provision. In order to sustainably carry out environmental impact reduction activities, in 2000 the Toyota Plant acquired certification under ISO14001, the international standard for environmental management, followed by the Miyoshi Plant in 2008. A renewal audit in September 2021 confirmed that our environmental management system is functioning effectively. In line with ISO14001 specifications, we set environmental policies and targets, promote and manage departments' efforts to achieve these targets under the PDCA cycle, and share information on our degree of achievement and advance policies within the plants' Environmental Committees. Through ISO14001 activities, we will further effect improvements and advance environmental conservation.



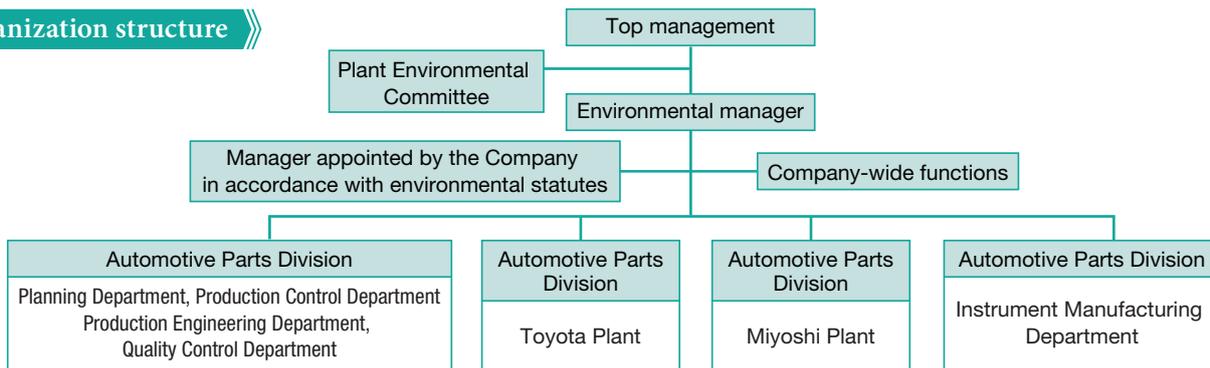
ISO14001 examination



Environmental Policy



Organization structure





Environmental Initiatives Plan of the Automotive Parts Division

In response to the All-Toyota Seventh Environmental Action Plan that the automaker's affiliated companies are undertaking, we have set and are acting on medium- to long-term goals for the five years from fiscal 2021 to 2025, addressing CO₂ emission volumes, discharge volumes, and PRTR* chemicals handled.

* A system that mandates assessment and notification of the amounts of release and transfer of chemical substances that may be hazardous to human health or ecosystems

Prevention of global warming		Management and reduction of substances that impact the environment	
Initiative	Reduction of energy consumption	Initiative	Prevention of hazardous substance usage
Object	CO ₂ emissions (total volume)	Object	Amount of PRTR chemical substances handled (per unit)
Target	25% reduction from FY2013 in FY2025	Target	5% reduction from FY2020 in FY2025
Waste reduction and resource conservation		Water resource conservation and preservation of water quality	
Initiative	Recycling and waste reduction	Initiative	Resource conservation, improvement of water environments
Object	Discharge volume (per unit)	Object	Water usage (per unit)
Target	5% reduction from FY2020 in FY2025	Target	5% reduction from FY2020 in FY2025

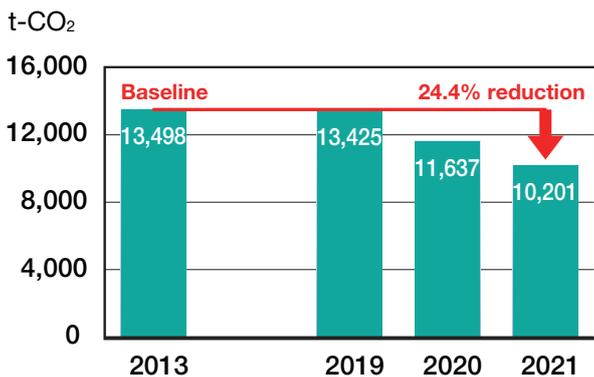
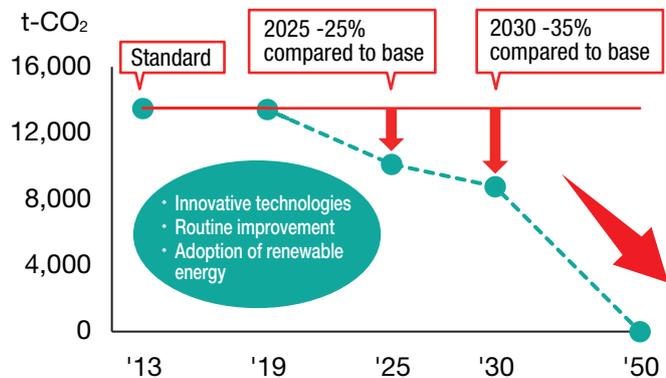


* Automobile production decreased for Japan as a whole in fiscal 2021 due to global factors including the COVID-19 pandemic and semiconductor shortages.

Goals and outcomes of environmental initiatives

01 Prevention of global warming

In accordance with Toyota's Seventh Environmental Action Plan, we are taking action under targets for reducing our total CO₂ emissions. In 2019, we launched the Plant CO₂ Zero Challenge Project to reduce emissions by 25% by 2025 and 35% by 2030, and are undertaking a wide range of initiatives that include routine improvements, adoption of new technologies, and adoption of renewable energy sources. Looking further ahead, we will continue CO₂ reduction activities with the aim of effective zero CO₂ emissions in the long term.

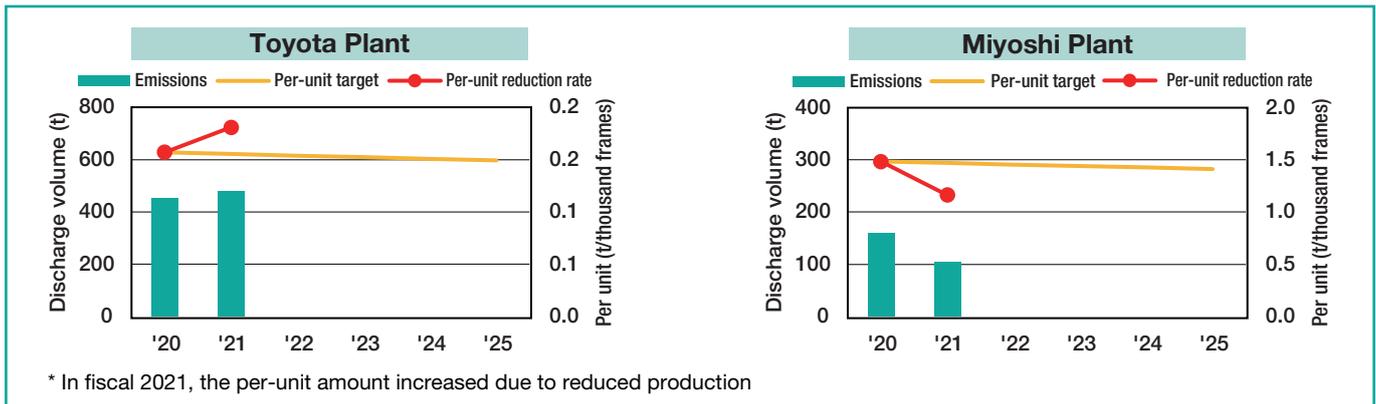


Compared to the baseline of 13,500 t-CO₂ in 2013, we reduced emissions to 10,200 t-CO₂ in 2021, a reduction of approximately 24% and close to our 2025 target. This was largely due to a decrease in production caused by semiconductors, logistics, and other areas of tightness in the supply chains. To achieve reductions after production recovers, we will continue to enhance production efficiency and engage in energy conservation activities.



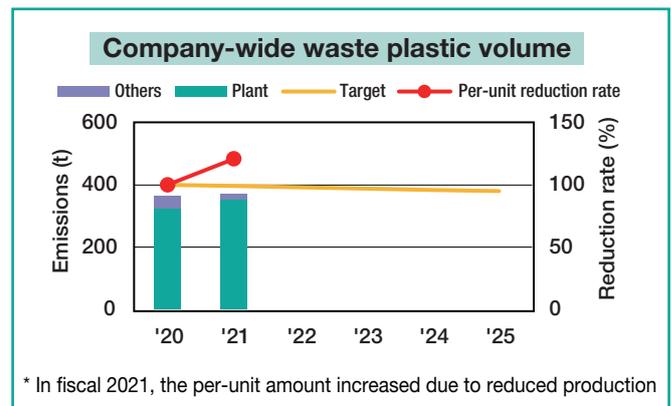
02 Waste reduction and resource conservation

We take a serious view of problems such as greenhouse gases resulting from waste disposal and the scarcity of industrial waste disposal sites, and are making efforts toward recycling and waste reduction. We set and have taken action under a target of reducing our per-unit emissions by 1% every year through 2025. In fiscal 2021, production fluctuations caused by shortages of semiconductors and other factors had a significant impact on production efficiency, and per-unit amounts worsened from fiscal 2020 at the Toyota Plant. In response, we are continuously undertaking actions such as reducing our defect rate and improving yields. At the Miyoshi Plant, we repaired paint defects by repainting and made efforts to reduce waste, with the result of a significant reduction of 23.7% compared to fiscal 2020.



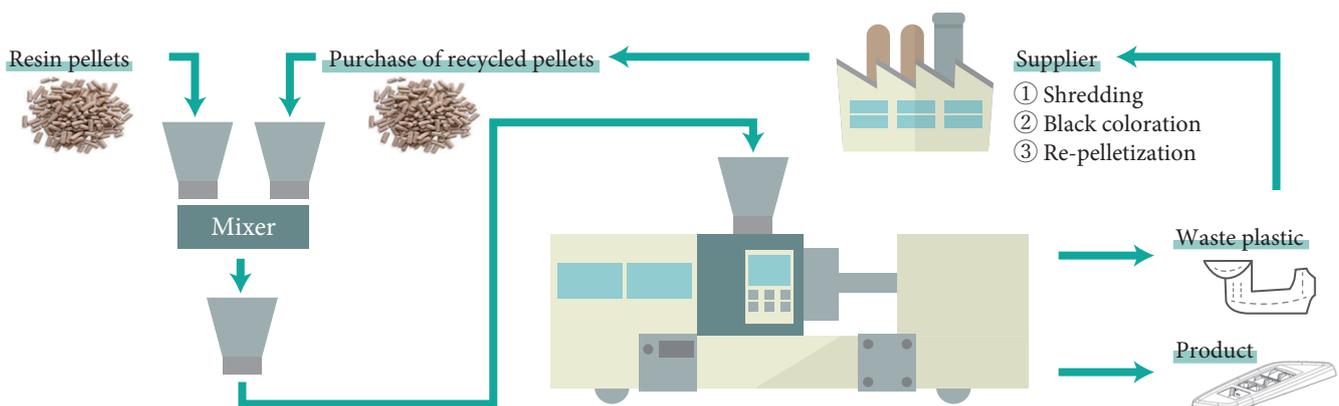
Addressing the Plastic Resource Circulation Act

In response to the Plastic Resource Circulation Act that came into effect on April 1, 2022, we have begun taking action under a target of reducing plastic waste by an annual per-unit 1%. In accordance with the Act, every office is taking action under an appointed manager in charge. In fiscal 2022, we will also undertake environmental education and other activities aimed at raising employees' awareness of reducing waste plastic in everyday life.



Recycling of waste plastics

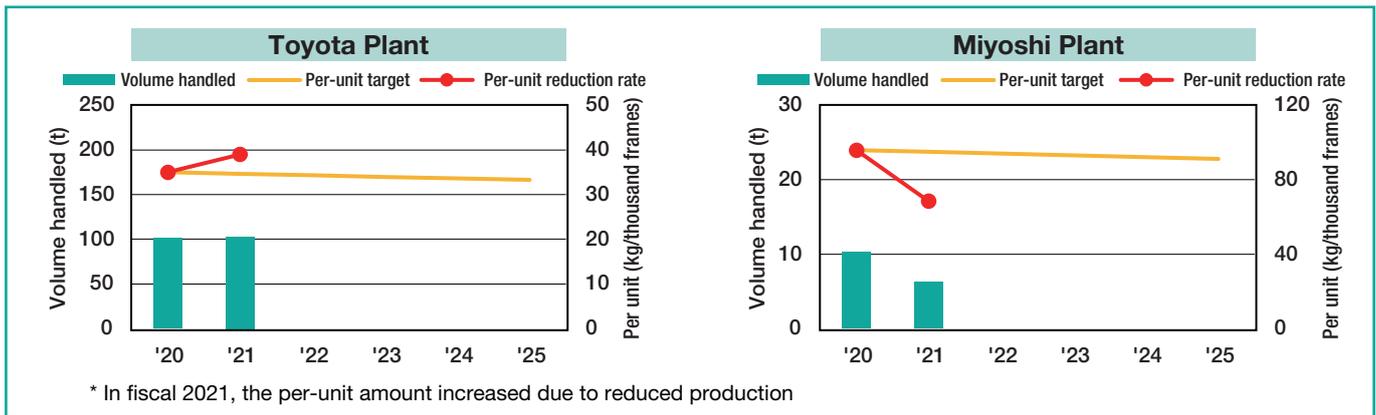
We reprocess (i.e., re-pelletize) the runners (i.e., non-product leftover plastic waste) formed during the molding process for resin products, and mix the pellets with raw materials for reuse. We will continue engaging in activities to enhance our recycling rate.





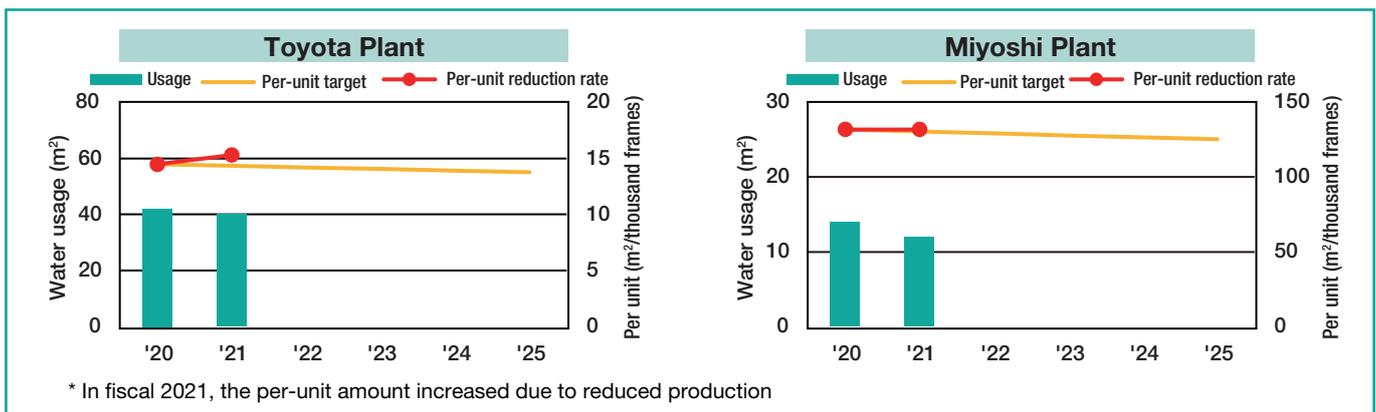
03 Management and reduction of substances that impact the environment

With regard to the handling of chemical substances that may present hazards to human health and ecosystems, we appropriately assess and manage emissions and volumes contained in wastes. We set and have taken action under a target of reducing the per-unit amount of the PRTR chemical substances we handle by 1% every year through 2025. In fiscal 2021, production fluctuations caused by shortages of semiconductors and other factors had a significant impact on production efficiency, and per-unit amounts worsened from fiscal 2020 at the Toyota Plant. In response, we are working to reduce target chemical substances through means including increasing the efficiency of cleaning during paint color changes, reducing defects, and making improvements to paint application methods. The Miyoshi Plant achieved its targets by means including the application of our electrostatic painting technology, developed over many years, to resin products, as well as improvement of the adherence rate through adoption of the new-type iX bell.



04 Water resource conservation and preservation of water quality

The excessive use of water and the discharge of pollutants greatly affect organisms and the livelihoods of communities in the downstream area. We make efforts to reduce the amount of water that we use in our plants, and treat wastewater under baselines stricter than statutory baselines. We set and have taken action under a target of reducing our per-unit water usage by 1% every year through 2025. In fiscal 2021, production fluctuations caused by shortages of semiconductors had a significant impact on production efficiency, and per-unit amounts worsened at the Toyota Plant compared to fiscal 2020. We are working to reduce water usage amount through means including introduction of water usage “zero” painting booth (for dry filter paint mist collection) to the new line and enhancement of humidification efficiency for booth air make up.



Water emitted from production processes is treated and released into rivers. Taking the natural environment and ecosystems into consideration, we comply with baselines stricter than those stipulated by laws and regulations. A portion of the water used in processes at the Toyota Plant is reused in toilets and elsewhere after treatment.



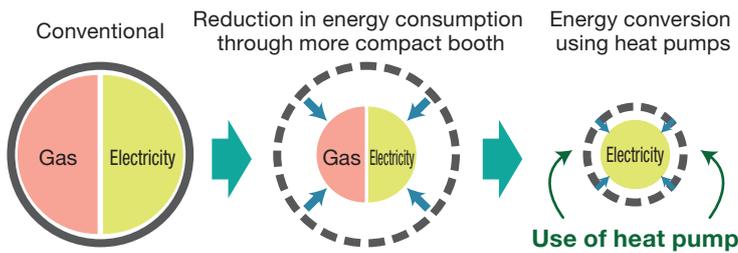
Performing checks at the wastewater treatment facility



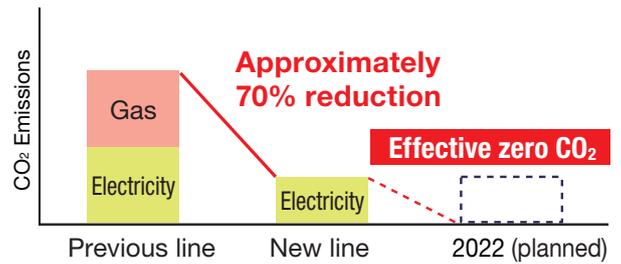
Achievement of effectively zero CO₂ emissions through the new all-electric painting line

In July 2021, we installed a new all-electric painting line (No. 7 Painting Line) at our Toyota Plant, bringing together the technologies of the Paint and Application Systems Division and the manufacturing technologies of the Automotive Parts Division. While our previous painting line used electricity and gas as energy sources, we reduced energy usage by making the booth more compact and further utilized a heat pump to make a complete switch to electricity. The new line emits 70% less CO₂ than the previous line. In fiscal 2022, we plan to introduce renewable energy sources for remaining energy consumption, with the aim of realizing a line that emits effectively zero CO₂.

All-electric painting line technology



Conceptual diagram of CO₂ emissions for the line overall



More compact booth

Reduction in air conditioning energy and CO₂ emissions through more compact booth

Conventional	New development	Efficacy
<p>Floor-mounted painting robot</p> <p>Booth cross-sectional area: 9 m²</p> <p>Air flow</p> <p>Conveyor</p> <p>Paint mist collection using water</p>	<p>Wall-mounted painting robot</p> <p>Booth cross-sectional area: 5 m²</p> <p>Air flow</p> <p>Material handling robot (installed outside booth)</p> <p>Dry filter paint mist collection (low impact)</p>	<p>45% smaller booth cross-sectional size and reduced need for booth air conditioning through change from floor mount to wall mount</p> <p>CO₂ Emissions</p> <p>Conventional</p> <p>New development</p> <p>Approximately 60% reduction</p>

Use of heat pump

Switch in energy source from gas to electricity using heat pump

	Conventional	After improvement	Efficacy
Painting booth	<p>Electricity, Gas</p> <p>Chiller</p> <p>Steam</p> <p>Cooling, Heating, Humidification</p> <p>Air make up</p> <p>Painting booth</p>	<p>Electricity</p> <p>Heat pump</p> <p>Heating, Humidification High pressure, Cooling</p> <p>Air make up</p> <p>Painting booth</p>	<p>CO₂ Emissions</p> <p>Conventional</p> <p>After improvement</p> <p>Approximately 55% reduction</p>
Oven	<p>Gas</p> <p>Steam</p> <p>Heat exchanger</p> <p>Workpiece</p> <p>Oven</p>	<p>Heat pump</p> <p>Electricity</p> <p>Heat exchanger</p> <p>Workpiece</p> <p>Oven</p>	<p>No-steam, all-electric operation</p> <p>CO₂ Emissions</p> <p>Conventional</p> <p>After improvement</p> <p>Approximate 56% reduction</p>

Compliance

On-site checking of industrial waste disposal contractors

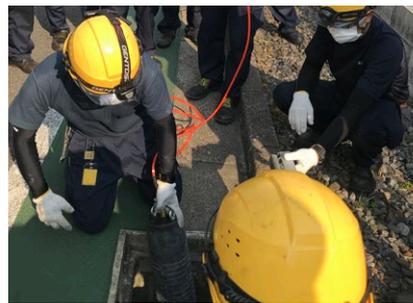
Every year, we perform checks of all contractors to which we outsource disposal of industrial waste, to confirm the state of their waste treatment, documentation management, and other matters. After enacting measures to prevent COVID-19 infection, we conducted on-site inspections again in fiscal 2021, confirming the absence of problems.



Environmental risk reduction activities

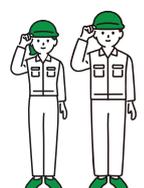
Environmental anomaly training

In order to promptly communicate information and take action in the event of an environmental incident, we conduct environmental risk assessments, establish scenario-based training plans, and regularly conduct emergency response drills. On July 30, 2021, we conducted a drill based on the scenario of sewage leaking from wastewater treatment facility pipes and overflowing from the rainwater gutter at the Toyota Plant. We prepared for the emergency scenario by checking work procedures and by conducting drills involving damming the actual gutter with sandbags and shutting off the outlet valve.



Special disaster response drill

At the Miyoshi Plant, we conducted special disaster response drills together with the Bisan Fire Department. “Special disasters” include accidents that involve leaks of chemical substances. As a business operator that handles paints and other hazardous materials, we conduct drills under the guidance of firefighters in preparation for such incidents. Under a scenario of an accident in a hazardous materials warehouse, we conducted drills on evacuation methods, making reports to the fire department, guiding firefighters, and initial firefighting response. A fire engine on site conducted water hose training from above. Endeavoring above all to prevent such accidents from occurring, we also work to train employees in responding to incidents.





Community contribution activities

Get-togethers and the conclusion of disaster-scenario agreements with neighborhood community associations

The Toyota Plant invite executives from neighborhood community associations in the Katsuno-cho, Nakaganai-cho, Kamogawa-cho, Miyaishi-cho, and Okudono-cho districts for a yearly social gathering aimed at interaction with the local community. Although the event was suspended in fiscal 2021 to prevent COVID-19 contagion, once the pandemic has subsided we intend to create such venues for interaction and strengthen cooperation with the local community. We also concluded an agreement by which the Toyota Plant can serve as an evacuation site in the event of a disaster. Disaster readiness supplies are stocked and are managed every year, in preparation for evacuation. To avoid throwing away supplies nearing their expiration dates, we donate a portion of the supplies through the Toyota Municipal Social Welfare Council.



Agreements for disaster scenarios



Disaster readiness supplies (for employees and local residents)

Community beautification activities

Along with community environmental beautification activities, we conduct grass cutting and cleanups around the Toyota Plant in June and September every year. As a part of environmental education for new employees welcomed in April, we performed trash collection along the road between the Toyota Plant and the Okudono Jinya historical site.



Traffic safety guard

As an automobile-related company, we station traffic guards at intersections near our company on the 10th, 20th, and 30th (days ending with "0") of every month to prevent accidents. We will engage in such activities on a regular basis to create a safe, secure community.



Placement of Machikado First Aid Station

We placed AEDs in our head office, the Toyota Plant, and the Miyoshi Plant, and welcome fire department representatives who teach basic lifesaving techniques so that the AEDs can be used in the event of an emergency. The head office and the Toyota Plant have also registered with the Machikado First Aid Station program of the city of Toyota, making AEDs available to local residents at any time.

『まちかど救急ステーション』
登録事業所です。
(この事業所には、AEDを設置しています)

緊急の場合は下記まで、ご連絡ください。

健康管理室	阿知波	89-1743
健康管理室	岩田	89-3032
守衛		4015

利用時間：月～金曜 8:30～17:30
(当社営業日に限る)





Social welfare activities

Food drive

To help eliminate food loss, we took part in a food drive to collect food from employees' homes for donation to welfare organizations and NPOs. We participated in the food drives in June and October of fiscal 2021, providing canned foods, instant foods, snacks, and other items to support needy persons and children's cafeterias through the Toyota Municipal Social Welfare Council.



Humanitarian aid through promotion of health

To raise awareness of health among employees, we set up a café area in the company to offer healthy drinking water. A portion of sales of the water goes to UNICEF for donations to secure safe drinking water, provide emergency medical supplies, and offer other support.

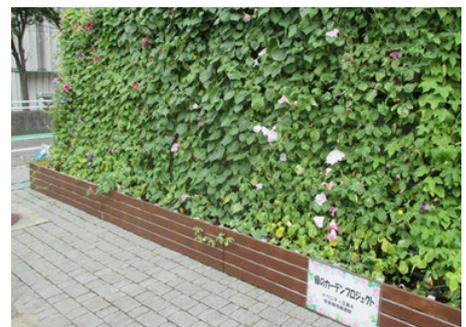


Cooperation with local administrations

Agreement on the Promotion of Environmental Conservation, city of Toyota

In 1985, we signed a Pollution Control Agreement with the city of Toyota, and have subsequently worked to prevent pollution. To tackle the creation of a sustainable society through cooperation between business operators and the city, the agreement was renewed under the name Agreement on the Promotion of Environmental Conservation in 2009, and was updated again on March 31, 2019.

Every year, we measure vibration, noise, and odors at the boundaries of our workplace grounds to confirm that these are kept within their baselines. We also take part in the Green Curtain Project, setting up “green curtains” by planting morning glories, bitter gourd vines, and other plants to aid in the prevention of global warming.



SDGs Month

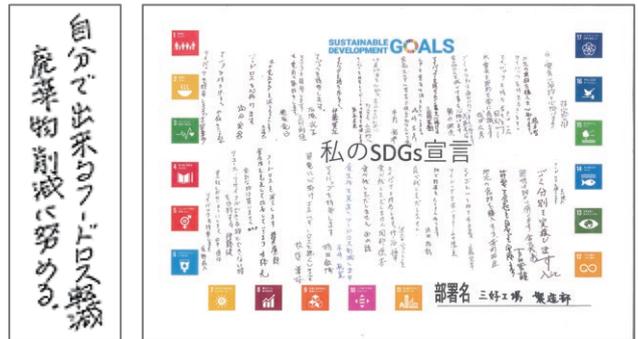
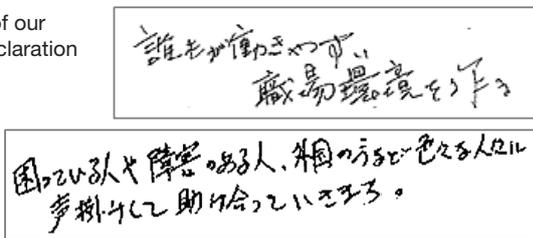
Amid worldwide efforts to achieve the Sustainable Development Goals (SDGs) adopted by the United Nations, our Company is also taking action. In fiscal 2021, we designated November as SDGs Reinforcement Month, a month that asks individual employees to think about and take action on the SDGs. During the month, we undertook activities to raise awareness, including soliciting slogans and posters.

Initiatives during SDGs Month

01 "My SDGs Declaration"

We asked people to declare SDGs that can be put into practice at work and at home, to spur actions that individuals can take and to raise awareness.

Content of our SDGs Declaration



02 Solicitation of catchword and posters

To make our SDGs initiatives widely known to our employees, we solicited catchword and posters from our employees and their families and put these to use in learning activities.



Environment Month

Light Down Campaign

In fiscal 2021, we set June 9, 16, and 23 as company-wide days for leaving work on time. At all offices, we turned off all office lights at the set time to raise awareness of reducing CO₂ emissions.



Offering sustainable seafood

As an opportunity to make people feel more familiar with biodiversity and spark their interest, our employee cafeteria offers MSC-certified and ASC-certified sustainable seafood on its menu.



Learning

For new employees, we conducted learning on our SDGs initiatives to help every individual in understanding and acting on the SDGs. To deepen every individual's understanding of the environment, we plan to incorporate this into every level of education to raise awareness.



Third-party opinion

Chubu SDGs Promotion Center
Noriko Momose,
Deputy Representative Director



The COVID-19 pandemic that continued in 2021 from the previous year and the Ukrainian conflict in 2022 were global impacts that had major impacts on society. At the same time, the crisis known as climate change has progressed unabated, and climate-related disasters are occurring around the globe. Against this background, Trinity Industrial worked toward a sustainable future by **advancing activities to reduce environmental impact in automobile parts production as well as the development and rollout of environmentally considerate equipment**. We also produced our Environmental Report 2022, which describes our efforts to **contribute to local communities**.

Through interviews and inspections of records on the content of this report, I have confirmed that Trinity Industrial's business, environmental, and social contribution activities are aimed at the construction of a sustainable society.

This year's environmental message from the President states, **"With our technological edge, we contribute to solve global environmental issues, toward sustainable society."** This is a powerful declaration of our will to accelerate initiatives aimed at global warming countermeasures, the circular economy, the SDGs, ESG, and more.

Having formulated a **Sustainability Policy** addressing ESG and having set priority items for the **SDGs based on the Environmental Policy**, Trinity Industrial aims to be a **sustainable company**.

Perhaps our top news this year was our receipt of the **"Excellence" Environmental Activity Award** and the **Technical & Development Award** from **Toyota Motor Corporation**. The **"Excellence" Environmental Activity Award** recognized Trinity Industrial's revision of its medium-term vision, formulation of a Sustainability Policy, and concrete efforts toward carbon neutrality. **The Technical & Development Award was awarded for our technology that efficiently removes fumes (metallic dust) generated in the welding process and for the development of equipment that prevents fires, employing technologies that we developed for painting processes.**

These awards mark positive recognition of our technological developments that aim to achieve a decarbonized society through our core business and further achieve efficiency and safety in work.

We successfully completed 2021 ISO14001 renewal audits at our Toyota Plant and Miyoshi Plant, our production bases for automotive parts. Under our Environmental Initiatives Plan, we have set targets to be achieved over the five years beginning in 2021, under the headings of prevention of global warming, waste reduction and resource conservation, management and reduction of substances that impact the environment, and conservation of water resources and water quality.

Looking at our results for 2021, while we achieved overall reductions in emissions of CO₂ and wastes, per-unit emissions were conversely unsatisfactory for reasons including a decline in production related to semiconductors, logistics, and other supply chain issues during the COVID-19 pandemic. We anticipate positive results once production recovers.

The most laudable item in the Environmental Report is our installation of an all-electric painting line.

This is a breakthrough initiative newly established in the Toyota Plant that fuses the **technologies of the Paint and Application Systems Division** and the **manufacturing technologies of the Automotive Parts Division** combined with the comprehensive strength of Trinity Industrial to significantly reduce CO₂ emissions by improving energy efficiency, and to achieve zero carbon through all-electric operation and adoption of renewable energy.

I expect that Trinity Industrial will continue its efforts to exert its comprehensive strength and become a sustainable company.

I have confirmed that the Company is a reliable presence in its communities, as seen in the conclusion of agreements with local communities related to disaster scenarios, regular beautification and traffic safety guard activities, and other social contribution activities.

I also recognize that the employees who support Trinity Industrial in its aims to create a sustainable society embrace the SDGs as a personal matter and actively engage in awareness-raising activities that welcome participation by employees' families as well.

I look forward to seeing a sustainable Trinity Industrial that continues contributing to the SDGs through manufacturing that contributes to global environmental conservation and through community contribution activities, and that plays an active role in a sustainable future.



Environmental Report 2022

Inquiries

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Sustainability Promotion Group

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This report is available on the Company's website.

URL: <http://www.trinityind.co.jp>

Scope of reporting

Target period: April 1, 2021 to March 31, 2022

Some included content concerns activities occurring before and after the target period as well as the activities of Group companies.

