



Environmental Report 2021



SUSTAINABLE
DEVELOPMENT
GOALS



CONTENTS

Corporate Profile	2
Top Message	3
Environmental Management	4
Corporate Philosophy	4
Environmental Vision	4
Environmental Policy	5
Our Commitment to SDGs	5
Topics	6
Environmental Management System	8
Environmental Management Promotion Framework	8
ISO14001	8
Environmental Accounting	9
Our Commitment to Creating Environmentally Conscious Products	10
Development of Environmentally Conscious Products	10
Green Procurement	10
Environmentally Conscious Products	11
Makita's Cordless Products that Contribute to Solving Social Issues	12
Environmental Action Plan and Achievements	15
Environmental Performance	15
Resource Input and Environmental Burden Emitted (Material Balance)	16
CO ₂ Emissions throughout the Supply Chain	17
FYE 2021 Achievements Based on Our Environmental Action Plan	18
Environmental Initiatives in Our Business Activities	18
Global Warming Prevention	18
Water Usage	19
Management of Chemical Substances	20
Reduction of Emissions	20
Environmental Communication with Local Communities	21
Social Contribution Activities for Local Communities	21
Our Commitment to Preventing Environmental Risks	21
Environmental History	22

■Organizations and Topics Covered

This report covers ten organizations in total, namely Makita Corporation, two overseas subsidiaries engaged in production and sales, six subsidiaries engaged in production and one other domestic subsidiary, and covers the topic of environmental protection activities for FYE 2021. The number of employees in the organizations covered in this report represents 74.6 percent of the total number of employees in the Makita Group.

■Period Covered

This report is based on the achievements of activities implemented in FYE 2021 (April 1, 2020, to March 31, 2021).

■Reporting Policy

Our company is engaged in a wide range of environmental protection activities, and this report mainly covers the themes of environmental protection activities that we are focusing our efforts on. In preparing this report, we tried to make sure that those who are not environmental experts will also be able to easily understand the overview of each theme, with the aim to enhance communication with all our stakeholders. In editing and designing the report, we made sure to use appropriate phrasing and colors, and ensured readability.

The company's environmental performance (achievement) data for the period coinciding with the company's fiscal year, which are aggregated as of March 31 every year, are analyzed and the results are published in June.

■Target Audience

All our stakeholders, including customers, business partners, employees, shareholders, local communities, and public institutions

■Publication and Announcement Media

This report is published in PDF format on our company's website and can be downloaded.

URL: <https://www.makita.biz/>

■Report Creation Department and Inquiries (If you have any opinions or comments about this report, please let us know.)

Makita Corporation Environment & Facility Control Division Environment Group Email: kankyou@mj.makita.co.jp

Corporate Profile

Company Name **Makita Corporation**
 Head Office 3-11-8, Sumiyoshi-cho, Anjo,
 Aichi 446-8502, Japan
 Phone: +81-(0)566-98-1711
 URL: <https://www.makita.biz/>

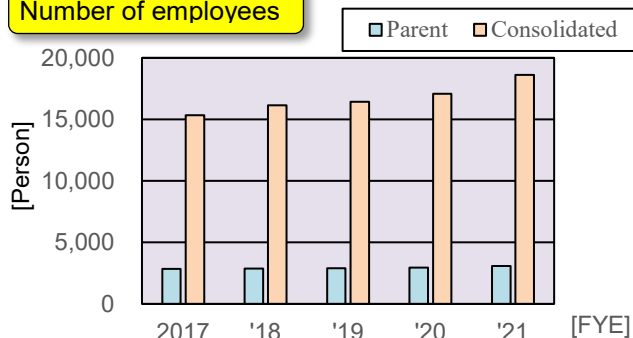
Date of Founding March 21, 1915
 Date of Incorporation December 10, 1938
 Revenue ¥608.3 billion (consolidated)
 ¥378.5 billion (Parent)
 Profit Attributable to Owners of the Parent ¥62.0 billion (consolidated)
 ¥37.1 billion (Parent)
 Paid-in Capital ¥24,206 million
 Number of Employees 18,624 (consolidated) 3,086 (Parent)

Description of Business Production and sales of electric power tools, outdoor power equipment, pneumatic tools and household equipment
 Consolidated Subsidiaries 53 (Production subsidiaries 6, Sales and production subsidiaries 2)

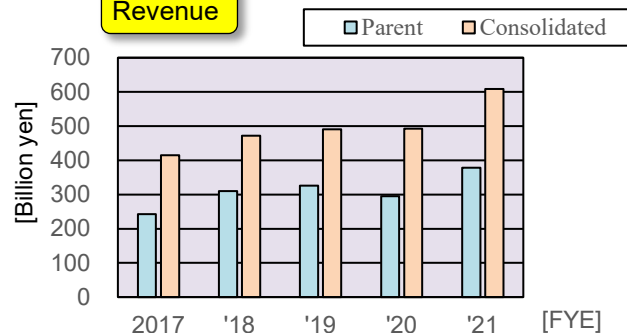
■Head Office



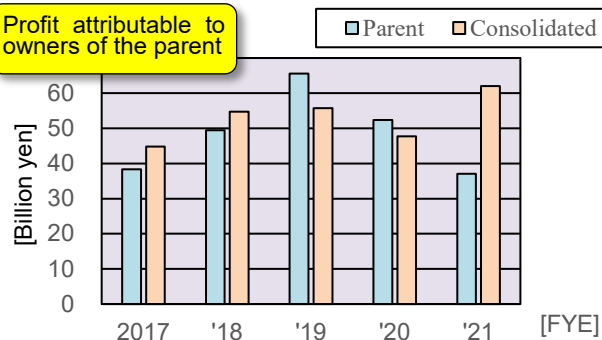
Number of employees



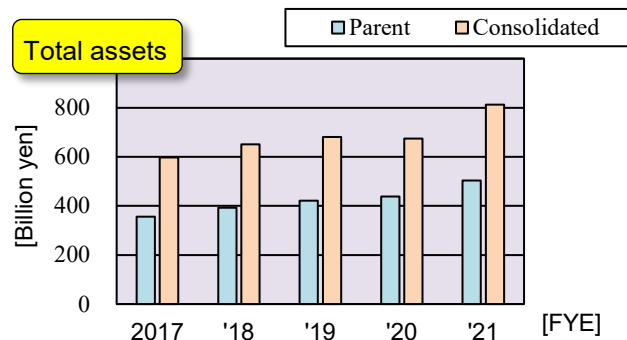
Revenue



Profit attributable to owners of the parent



Total assets



Top Message

Aiming to create a “sustainable recycling-oriented society” that harmonizes the environment with the economy



Looking at the international economic situation for the year ended March 31, 2021, the world economy, which had crashed sharply due to the spread of the novel coronavirus (COVID-19), was on a gradual recovery path mainly due to the economic and financial measures taken by countries and the spread of vaccinations. However, uncertainties about the future still continue due to concerns over the resurgence of infections caused by variants, the outlook regarding U.S.-China friction and other factors. Under these circumstances, on the development side, the Makita Group concentrated its efforts on expanding the lineup of lithium-ion battery products, such as the “40Vmax lithium-ion battery” series of cordless tools offering high power, long life and durability. On the production side, we worked to increase production in response to increasing demand and to promote multi-polarized global production and began taking initiatives toward going plastic-free by reducing plastic bags, etc. used for product packaging and shifting to paper and other environmentally friendly materials. On the sales side, we continued to focus on expanding the sales of lithium-ion battery products, such as cordless outdoor power equipment. In addition, we made efforts to further strengthen trusting relationships with customers around the world by continuing to steadily provide customer support and after-sales services even amid

the pandemic that made it difficult to carry out normal sales activities.

In the future, the Makita Group expects that the prospect for the global economy will continue to be uncertain. Meanwhile, the Group believes that demand for environmental and human friendly tools that contribute to the solution of social issues, such as the labor shortage and environment conservation by increased efficiency of works, will continue to increase further both in emerging and developed countries.

To cope with these assumed conditions, Makita will:

- Strengthen its R&D and product development capabilities, mainly for the technologies of motors and technologies for discharge/charge of batteries, to take the initiative in cordless products market;
- Position cordless outdoor power equipment as a future pillar of its business after power tools and help to bring about a decarbonized society by promoting the shift from engine products.
- Strengthen new product development and sales expansion in new fields, such as cleaning, outdoor and disaster prevention, and strive to evolve into a supplier of a comprehensive range of cordless products.
- Implement measures to strengthen and improve the efficiency of production, procurement and distribution, while further upgrading global production bases; and
- Strive to raise its brand power by promoting the establishment of a sales and after-sales service network to offer community-based and fine-tuned response to needs of customers around the world.

On the basis of these factors, the Group will strive to maintain a solid presence in the industry and contribute to achieve a sustainable society as a global supplier power tools used in home-building and in everyday life.

“Environmental Report 2021” is published with the objective of presenting the Company’s initiatives for environmental protection activities. I hope this report helps your better understanding for our activities.

June 25, 2021

President, Representative Director

Munetoshi Goto

Environmental Management

Corporate Philosophy

Long term Target: Strong Company

Makita has set itself the goal of contributing to the creation of sustainable society and consolidating a strong position in the industry worldwide as a global supplier of a comprehensive range of tools for creating comfortable homes and living environments, including cordless power tools, battery-operated outdoor power equipment and pneumatic tools.

Management Policy/Quality Policy

1. Makita strives to exist in harmony with society (a company that observes laws and regulations, acts ethically and never allows intervention of the anti-social organizations).
2. Makita values its customers (a market-driven company).
3. Makita is managed in a consistent and proactive manner (a company that strives to exist in perpetuity by adhering to a sound profit structure).
4. Valuing a stalwart corporate culture, Makita encourages each individual to perform to his or her highest level (a happy company).

Code of Ethics

1. Honest and ethical conduct; no conflict of interest
2. Compliance with applicable laws and regulations
3. Full, fair, timely and understandable disclosure
4. Accountability for adhering to this Code
5. Enforcement mechanism
6. Approval for waiver of this Code

Code of Conduct

1. Am I acting in accordance with ethical guidelines? (Would I be unashamed in front of anyone?)
2. Am I looking at things from the customer's point of view rather than the company's point of view? (Am I leaning more towards the customer than my supervisor or my colleagues?)
3. Am I acting and thinking independently and taking on challenges? (Am I caught up in past experiences and successes?)
4. Am I persistently improving and innovating technology? (Is there a reason we have to do it this way?) slogan
5. When I am on site, do I respect the opinions there? (Do I accurately gather information and communicate adequately?)

Environmental Vision



The “Go Green” slogan symbolizes Makita’s commitment to continually providing new value as a comprehensive international supplier of tools. We hope to always remain as a company that maintains a steady eye on society, challenging ourselves to create a “sustainable recycling-oriented society” that harmonizes the environment with the economy.

Environmental Policy

Basic Principles

As a global supplier of power tools used in building homes and in everyday life, Makita is aiming to conduct a wide range of environmental protection activities, in order to contribute to having sustainable society and conservation of biodiversity.

Policies

1. Enforcement of environmental administrative structure

To conduct our business in an environmentally and friendly way, we will organize our environmental administrative structure on a global scale.

2. Continuous improvement and pollution prevention

Makita will endeavor to continuously improve the quality of environmental protection activities and prevent from pollution.

3. Compliance with applicable laws and regulations

Makita will comply with applicable laws, regulations and standards concerning the environment. Moreover, Makita will take preventive action against environmental pollution, based on our environmental principle.

4. Establishment and review of objectives and aims

Makita will endeavor to fully understand environmental impacts we may cause and periodically review the environmental objectives and goals within the technically and economically possible range.

5. Reduction of environmental burden

Makita endeavors to promote the following activities to reduce environmental burden.

- Reduction of green house gas (CO2) emissions by conservation of resources and energy.
- Reduction of industrial waste and promotion of waste reuse.
- Replacement from substance of environmental concern and emission control.
- Implementation of product assessment and development of environment-conscious products centered around cordless products at the stage of tool design and development

6. Disclosure

Makita will make this environmental policy known to all of our employees through internal communication and will positively announce it to the public.

Our Commitment to SDGs

SDGs stands for Sustainable Development Goals. SDGs is a global initiative aimed at resolving social issues and creating a bright future, and it consists of 17 goals and 169 targets to be achieved by 2030. Our company's environmental protection activities are related to some of the goals of the SDGs. Therefore, through our commitment to environmental protection activities, we will contribute achieving SDGs.



Topics

■Product Initiatives

Shifting from engine-powered to battery-powered

In the past, the majority of OPE (Outdoor Power Equipment) was engine powered. However, while that provides superior power and stamina, the environmental impact of exhaust emissions has been a major issue. In recent years, global warming, which is one of the most serious environmental problems, has drawn particular attention from society. Our company is focusing on cordless OPE that do not emit exhaust gas when used, and contribute to solving environmental problems, particularly global warming. Our company will contribute to the realization of a decarbonized society in the future by utilizing our battery and motor technologies cultivated through the manufacture of power tools, and accelerating shifting from engine-powered to battery-powered products by proactively developing and expanding sales of cordless products whose usability is comparable to that of engine-powered products.

■Promoting the Elimination of Plastic

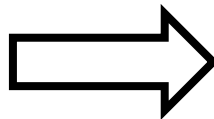
Due to concern over global environmental pollution from plastic waste entering oceans, the EU passed a law in June 2019 prohibiting the use of certain single-use plastic products.

In Japan as well, social initiatives are making progress to reduce single-use plastic, including the July 2020 regulation to charge for plastic shopping bags. In order to achieve a sustainable society and contribute to preserving biodiversity, Makita is also striving to reduce single-use plastic used in our product packaging. In addition to efforts to simplify our standard packaging, we have, since FYE 2021, tried to reduce plastic bags and the like used in product packaging, and have been proceeding to replace them with paper and other environmentally friendly materials. In March, 2021 (the last month of the first fiscal year of this new initiative), we achieved the equivalent of a nearly 40-ton yearly reduction in plastic usage. Going forward, we will continue efforts to eliminate the use of plastic.

<Example of eliminating plastics>



Conventional approach: plastic bag
(polyethylene) packaging



Current approach: packaging
without plastic bags

■Our Commitment to Energy Conservation

Replacement of fluorescent lighting with LED fluorescent tubes

We are replacing lights with LED fluorescent tubes in areas where large energy saving effect can be achieved. In FYE 2021, the annual power consumption of the Head Office and Okazaki Plant was cut by 47,700 kWh by replacing lights with LED fluorescent tubes.

[The photo shows the ceiling lighting of the office on the fourth floor of the Head Office]



Removal of vending machines

In FYE 2021, we removed three vending machines from the Okazaki Plant after having reviewed the locations of vending machines with relevant departments. As a result, the annual power consumption was cut by 5,200 kWh without incurring the cost of countermeasures.

[The space indicated by the dotted red box in the photo is where the removed vending machine used to be.]



■Environmental Initiatives of Overseas Plants

Our plant in China officially approved as a clean production certified plant

In June 2018, our plant in China received approval from the Kunshan City Government to be recognized as a clean production certified plant committed to reducing environmental impact through energy and waste reduction.



■Our Overseas Sales Companies' Commitment to Energy Conservation

Use of geothermal heat for air conditioning (Our sales subsidiary in Germany)

Makita Werkzeug GmbH (Germany) has completed construction of a geothermal heat pump in compliance with the new energy law in Germany, and the building, which was designed with energy conservation in mind, has a cooling and heating system that uses geothermal heat and lets in natural light. (Our sales subsidiary in the Netherlands is also making similar efforts.)

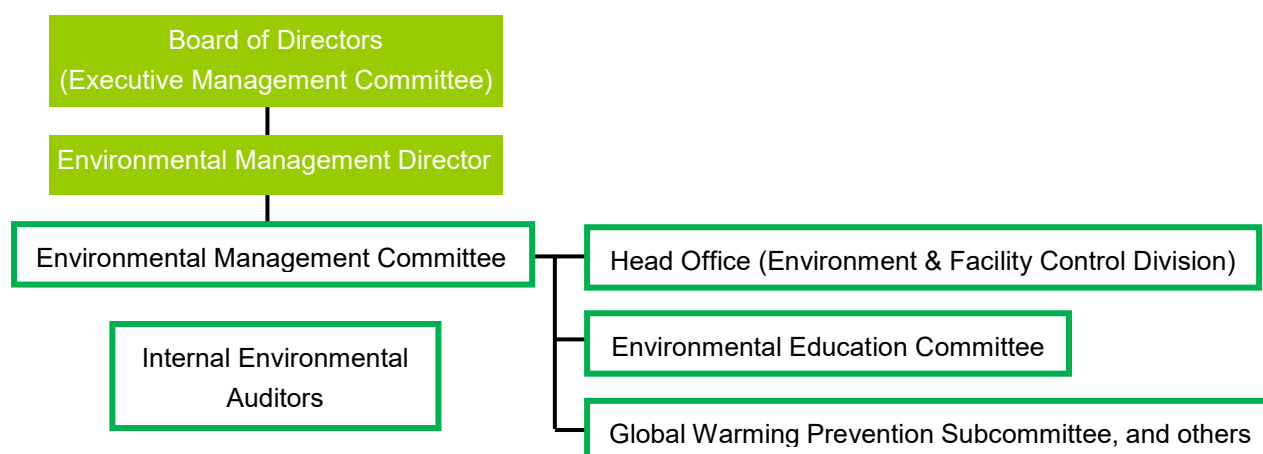


Environmental Management System

Environmental Management Promotion Framework

Recognizing environmental protection activities as a high-priority management challenge, we promote Environmental Management with the following framework.

We have the Environmental Management Committee as a body for deliberating and deciding on environmental protection activities. Environmental Management Director oversees this committee. We have also established one committee and five subcommittees under the umbrella of this committee, which promote specific environmental activities.



■Environmental Management Committee

The committee addresses Company-wide environmental targets and handles tasks ranging from policy and action discussions to recognition of activity outcomes.

■Environmental Education Committee

The committee plans environmental education for new employees / supervisors and reviews the texts for the education.

■Internal Environmental Auditors

The auditors check compliance with legal requirements, suitability of environmental management system, reduction of environmental risk, effective environmental impact reduction objectively. The audit is also useful for sharing the knowledge between departments.

ISO14001

Makita has established and run its own environmental management system since April 1998.

Our Head Office and Okazaki Plant first received ISO 14001 certification in 2007. In later years, all of our overseas production bases received the certification and are now operating environmental management systems.

JAPAN	AICHI	Head Office, Okazaki Plant, Nisshin Office
Overseas production bases	CHINA	Makita (China) Co., Ltd. / Makita (Kunshan) Co., Ltd.
	THAILAND	Makita Manufacturing (Thailand) Co., Ltd.
	UNITED STATES	Makita Corporation of America
	BRAZIL	Makita do Brasil Ferramentas Elétricas Ltda.
	UNITED KINGDOM	Makita Manufacturing Europe Ltd.
	GERMANY	Makita Engineering Germany GmbH
	ROMANIA	SC Makita EU SRL

Environmental Accounting

- 1) Target Period: April 1, 2020 ~ March 31, 2021
- 2) Scope: Head Office, Okazaki Plant, Nissin Office

Environmental Conservation Cost

(Unit: thousand yen)

Category		Investment	Cost	Total	Key Activity
Business area costs	Pollution Prevention Cost	1,200	140,383	141,583	·Measurement of air and water quality, etc. ·Electrification of forklifts
	Global Environmental Conservation	428,770	173,002	601,772	·Renewal of production and air conditioning equipment ·Change from fluorescent to LED ·Periodic inspection of equipment containing Freon
	Resource Circulation Cost	107,000	87,426	194,426	·Recycling and disposal of waste ·Renewal of production equipment
Upstream/Downstream Cost		0	26,867	26,867	·Collecting and recycling packages ·Collecting and recycling small secondary batteries
Administration Cost		0	74,998	74,998	·Environmental education ·Expenses for Environmental Group's activity ·Maintenance of green area in Office and Plant
R&D Cost		0	3,116,210	3,116,210	·Development of environmentally conscious products
Social Activity Cost		0	0	0	·Participation of community activity
Environmental Remediation Cost		0	0	0	·Restoration related to groundwater pollution and soil pollution
Total		536,970	3,618,886	4,155,856	

Environmental Conservation Benefit

Detail of Benefit		Amount of Benefit					Economic Benefit (Unit: thousand yen)
		Category	Unit	2020	2021	Difference	
Business area	Environmental Conservation Benefit Related to Resources Input into Business Activities	Energy consumption	kl	5,334	5,769	435	Reduction of energy consumption by energy saving activities
		Water usage	m ³	92,105	90,195	-1,910	1,257 (Reduction)
	Environmental Conservation Benefit Related to Waste or Environmental Impact Originating from Business Activities	CO2 emissions	t-CO ₂	10,183	10,130	-53	Reduction of waste treatment due to resource saving and recycling
		Wastewater	m ³	63,541	67,614	4,073	
		Waste emission (total waste generated)	t	1,359 (4,755)	1,460 (5,022)	101	
Upstream/Downstream	Environmental Conservation Benefit Related to Goods and Services Produced from Business Activities	Battery Recycling	t	29	30	1	-
other	Sale of valuables	Total volume	t	3,396	3,562	166	Revenue from sales of valuable resources generated from business activities
							94,566
							Total: 88,017

Our Commitment to Creating Environmentally Conscious Products

Development of Environmentally Conscious Products

■Development of Products including New Environmental Technologies

We are working to reduce the size and weight of our products as a whole, as well as to increase their power and life by increasing the capacity of new technology motors (the DC brushless motor) and batteries, improving motor efficiency, and reducing the size and weight of power components that affect the mass of products. Furthermore, by utilizing our industry-leading battery charge and discharge technology and motor technology to promote manufacturing various rechargeable products (cordless and engineless products), we are contributing to improving user safety, convenience, and comfort, as well as reducing exhaust gas, noise, and fuel consumption. The 40Vmax series is one of the most important and powerful platforms for the future, which will further allow us to make various products cordless.

■Publication of Product Environmental Data Sheets

Since FYE 2011, we have been publishing quantitative data of the environmental performance of each of our products (product weight, noise level, the percentage of reusability and recyclability, renewable rate, efficiency, etc.) on our website, in order to give a better understanding of the environmental performance of our products.

Green Procurement

■Supply Chain Management

In order to review the status of environmental activities of our suppliers, we conduct a questionnaire survey on environmental protection activities to our suppliers (e.g., to check whether they have acquired an environmental management system certification and review specific plants subject to laws and regulations).

■Compliance with Overseas Environmental Laws and Regulations (RoHS, REACH)

Substances regulated by environmental laws and regulations are defined as Makita Prohibited and Controlled Chemical Substances. In order to ensure compliance with the European RoHS Directive, we control chemical substances to conform to the RoHS Directive.

In order to ensure compliance with the European REACH regulations, we continuously issue a survey to our suppliers to obtain information on chemical substance content because substances of very high concern (SVHC) are regularly added to the list.

Makita Prohibited and Controlled Chemical Substances

	No.	Substances	Threshold level
Prohibited Chemical Substances	1	Lead and its compounds	1,000 ppm
	2	Mercury and its compounds	1,000 ppm
	3	Cadmium and its compounds	100 ppm
	4	Hexavalent Chromium and its compounds	1,000 ppm
	5	Polybrominated biphenyls (PBBs)	1,000 ppm
	6	Polybrominated diphenyl Ethers (PBDEs)	1,000 ppm
	7~10	Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)	1,000 ppm (each substance)
	11	Asbestos	Intentionally added
	12	Poly chlorinated Biphenyls (PCBs)	Intentionally added
	13	"Total of lead, mercury, cadmium, hexavalent chromium"	100 ppm for packaging material
	14	Restricted substances in Annex XVII of EU REACH Regulation	Conditions of restriction is specified for each substance
Controlled Chemical Substances		SVHC in EU REACH Regulation	1,000 ppm

Environmentally Conscious Products

We design all of our products with due consideration for the environment. This section introduces some of our new products launched in FYE 2021 that contribute to solving environmental problems, improving the working environment, and improving working efficiency.

Related SDGs



40Vmax Battery Line-up

Good balance between high power and longer-life of batteries by our unique new system (optimum power supply system and optimum charging system)

Cordless Impact Wrench TW001G

Compact and good workability by "Electronic 4-stage impact power selection" and "Forward and reverse rotation auto stop mode"



Cordless Circular Saw HS008G

Suitable for wide work by changing "Finishing mode" and "Speed mode"



Cordless Fan CF001G

Quiet running & Powerful wind by reconsidering and optimizing the shape of some components



40Vmax & Shifting from Engine-powered Equipment

Shifting from engine-powered to battery-powered

Cordless Earth Auger DG001G

Drilling capacity equivalent to 40mL class engine model



Cordless Blower UB001G

Blowing force equivalent to 28mL class engine model



Cordless Multi Function Power Head MUX01G

Multi function tool with usability equivalent to 30mL class engine model (in case of brushcutter attachment)



Shifting to Cordless Products

Shifting from corded tool to battery-powered

Cordless Belt Sander BS180D

Excellent performance equivalent to corded model and increased maneuverability



Cordless Upright Cleaner VC560D

High dust pick-up rate equivalent to corded model and increased maneuverability



Shifting from Engine-powered Equipment

Shifting from engine-powered to battery-powered

Cordless Telescopic Pole Saw MUA251D

Excellent performance equivalent to 30mL class engine model



Makita's Cordless Products that Contribute to Solving Social Issues

■ Solving the Labor Shortage and Improving the Working Environment

<Battery Powered Wheelbarrow>

Japan's agriculture is facing a serious labor shortage due to heavy labor and the aging population. It is said that 60% of agricultural work involves carrying tasks, and the wheelbarrow used for carrying loads strain the shoulders and back due to uneven surfaces. There are engine-powered transport vehicles, but you sometimes need to worry about the noise when using them early in the morning, and they take a long time to start up, need fuel (e.g., gasoline) to run, and generate exhaust gas emissions.

On the other hand, the CU180D cordless transport vehicle is powered by an 18V battery, which is a standard battery for other cordless tools. As it can be used in the same way as a wheelbarrow and is motor assisted, even elderly people and women can carry heavy loads with less power.



Related SDGs



< Battery Powered Pruning Shears>

For grape farms, pruning is an essential task to harvest delicious grapes every year. However, pruning manually with pruning scissors has a risk of tenosynovitis as it puts a major strain on hands and arms.

The cordless pruning scissors are powered by an 18V battery, which is a standard battery for other cordless tools. The combination of the blade and the trigger makes it possible to prune trees and fruit trees in the same way as a pair of scissors. The scissors are lightweight at 0.8kg, reducing the strain on the hands and arms and increasing work speed.



<Cordless Fan Jacket>

Due to global warming, extremely hot days are increasing, and working in a hot environment increases strain on the body and the risk of heat stroke.

The cordless fan jacket is a jacket with small fans that circulate air through the jacket to dry sweat and cool the body with the heat of vaporization. This is an item for preventing heat and can be used in places like outdoors where air conditioners or fans cannot be used.

Related SDGs



<Robotic Cleaner>

Cleaning large areas, such as offices, stores, and warehouses, requires manpower. In addition, in factories where manufacturing machines are lined up, there are many areas that cannot be cleaned manually unless the machines are stopped for safety.

The robotic cleaner can automatically clean areas that require cleaning by, for example, doing work that requires bending over, which puts a strain on the back, and in very large areas. There is no need to turn on lights for cleaning or stop machines because people do not go near the manufacturing machines.



■Disaster Preparedness

< Disaster Prevention Combo Kit >

In recent years, due to frequent natural disasters caused by global warming, cordless products have attracted attention in terms of early recovery from disasters and disaster preparedness. Our disaster prevention combo kit, which is useful in case of a disaster, includes in the package a light needed in case of a power failure at night, a radio and a television to obtain correct information, and a battery and charger. It also includes a light that can charge a smartphone by connecting a USB cord.



Related SDGs



■Sustainable Society

<Cordless Outdoor Power Equipment>

In the past, most chainsaws and mowers used outdoors were engine powered. Engine-powered products are powerful and can be used for many hours, but because they generate exhaust gas emissions and noise, there are time and locational constraints on using them, and they are not easy to use because they need gasoline. The cordless OPE is an environmentally friendly product for workers and the environment, including animals and plants, because it can be used just like an engine-powered product, is low noise, and does not generate exhaust gas emissions.

Related SDGs



Environmental Action Plan and Achievements

Environmental Performance

Environmental performance data for the past five years are as follows: We are continually working to improve our environmental performance.

Domestic Business Base

Category	major index	unit	*Scope	2017	2018	2019	2020	2021	Related page
Energy consumption	Crude oil equivalent energy	kL	1	5,950	5,922	5,923	6,054	6,556	P.19
	Intensity (The value in 2009 is taken as 100)			85.6	80.3	77.9	75.5	80.7	
	Year - on - year reduction rate	-		-3.3	6.1	3.1	3.0	-6.9	
	Transportation by ourselves	kL	4	770	768	797	792	847	-
	Intensity by ton-kilometer	kL/10 k* t*km		5.1	5.1	4.9	4.4	4.3	
	Outsourced transportation	kL	3	796	893	981	1,108	1,053	
Greenhouse gas	CO ₂ emissions in offices and Plant	t-CO ₂	1	11,886	11,648	11,115	10,780	11,672	P.18
	Intensity per amount of sales	t-CO ₂ /100 mil. yen		4.9	3.8	3.4	3.7	3.1	
	Transportation by ourselves	t-CO ₂	4	2,008	2,003	2,078	2,068	2,212	-
	Outsourced transportation	t-CO ₂	3	2,116	2,374	2,607	2,944	2,799	
Water consumption	Water Usage	m ³	1	108,166	96,955	97,675	102,339	100,262	P.19
	Intensity per amount of sales	m ³ /100 mil. yen		44.7	31.3	29.9	34.7	26.5	
Chemical substances	PRTR law (handling amount)	kg	2	34,538	33,064	32,484	30,443	30,717	P.20
	PRTR law (release and transfer amount)	kg		25,347	21,039	23,491	20,577	20,612	
	Intensity per amount of sales	kg/100 mil. yen		10.5	6.8	7.2	7.0	5.45	
Waste	Total amount of waste generated	t	2	4,534	4,313	4,558	4,755	5,022	P.20
	Intensity per amount of sales	t/100 mil. yen		2.6	1.4	1.4	1.6	1.3	
	Final disposal amount (Industrial)	t		7.2	8.2	3.9	4.0	6.2	
	Final disposal amount (General)	t		2.4	2.7	3.7	2.6	2.7	
	Recycling rate	%		99.8	99.8	99.8	99.9	99.8	
Wastewater	Total amount of wastewater	m ³	1	82,178	68,481	68,008	73,775	77,680	-
	(reference) Amount of sales	100 mil. yen	1	2,422.7	3,096.5	3,263.9	2,951.6	3,784.9	P.2

Total of Overseas Plants

Category	major index	unit	*Scope	2017	2018	2019	2020	2021	Related page
Energy consumption	Crude oil equivalent energy	kL	5	16,262	17,852	18,107	17,632	21,233	P.19
	Intensity per amount of sales	kL/100 mil. yen		7.0	6.1	5.8	6.2	5.3	
Greenhouse gas	CO ₂ emissions	t-CO ₂		51,276	56,915	56,338	53,549	64,470	P.18
	Intensity per amount of sales	t-CO ₂ /100 mil. yen		21.9	19.6	18.1	18.8	16.1	
Water consumption	Water Usage	m ³		250,663	256,260	273,035	271,986	308,328	P.19
	Intensity per amount of sales	m ³ /100 mil. yen		107	88	87	95	77	
Chemical substances	Amount of chemical substances	t		155	266	258	244	311	-
	Intensity per amount of sales	kg/100 mil. yen		66	91	83	85	77	
Waste	Total amount of waste generated	t		14,394	18,627	17,295	19,504	24,289	P.20
	Intensity per amount of sales	t/100 mil. yen		6.2	6.4	5.5	6.8	6.1	
	Final disposal amount	t		999	1,101	922	1,054	758	
	Recycling rate	%		93.1	94.1	94.7	94.6	96.9	
	(reference) Production volume	mil. unit		23.74	28.21	27.68	25.63	36.55	-

*Scope 1: Domestic business base (Head Office, Okazaki Plant, Nisshin Office and Sales Offices)

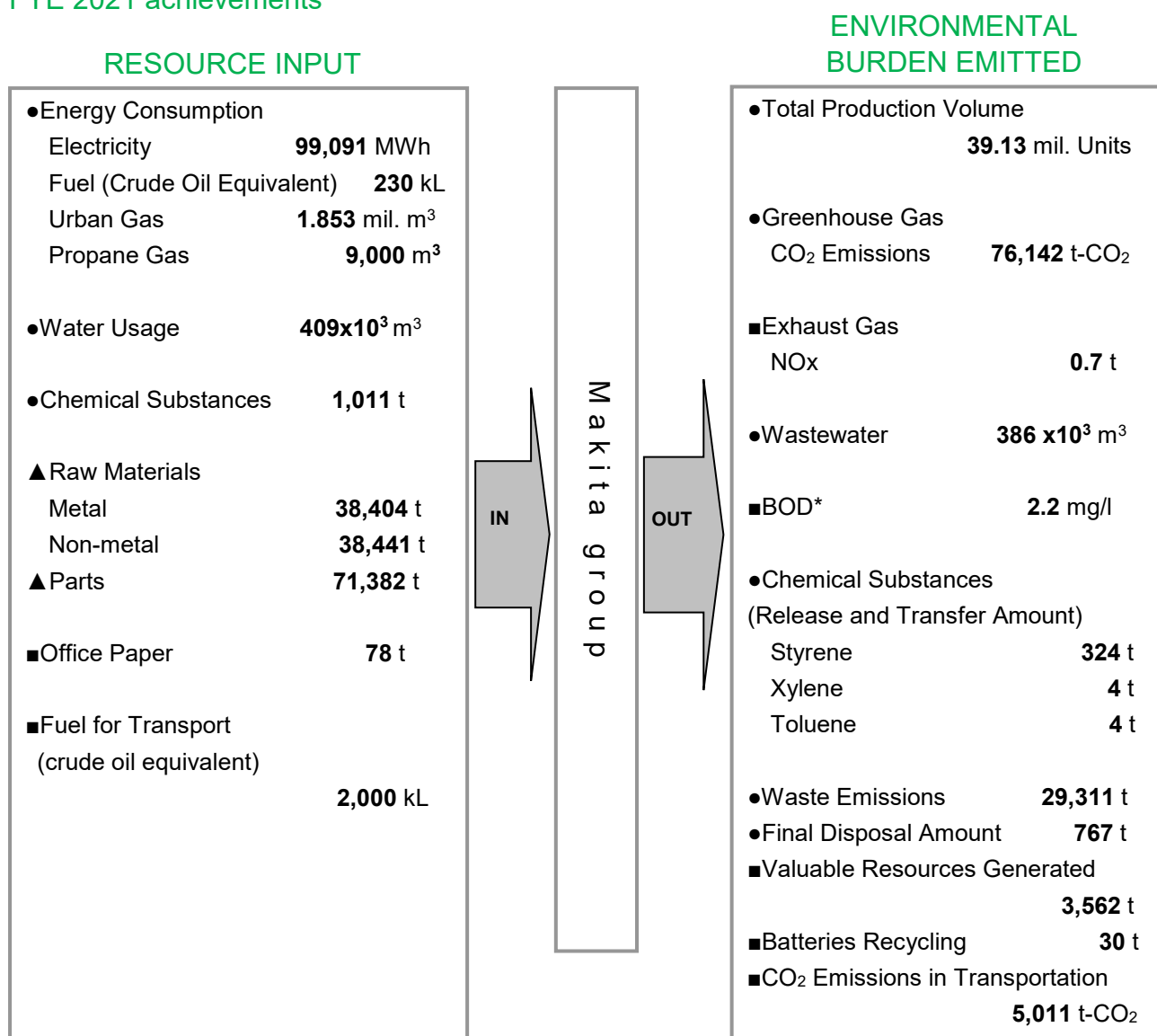
2: Domestic business base (Head Office, Okazaki Plant and Nisshin Office)

3: Okazaki Plant 4: Domestic Sales Offices 5: Overseas Plants

Resource Input and Environmental Burden Emitted (Material Balance)

In order to engage in activities ranging from the development to production and sales of power tools, OPE, air tools, and household equipment, including those that are cordless, our company uses energy and water resources such as electricity and fuel, and resources as raw materials and parts (input), and discharges greenhouse gases (CO₂), chemical substances, wastewater and waste (output). The table below shows the amount of energy and resources used, as well as the number of substances with environmental impact discharged in the process of our company's business activities, from development to recovery, and we use this data to promote environmentally conscious business activities.

FYE 2021 achievements



Scope: ● Domestic Business Base and Overseas Plants

▲ Domestic and China Plants

■ Domestic Business Base

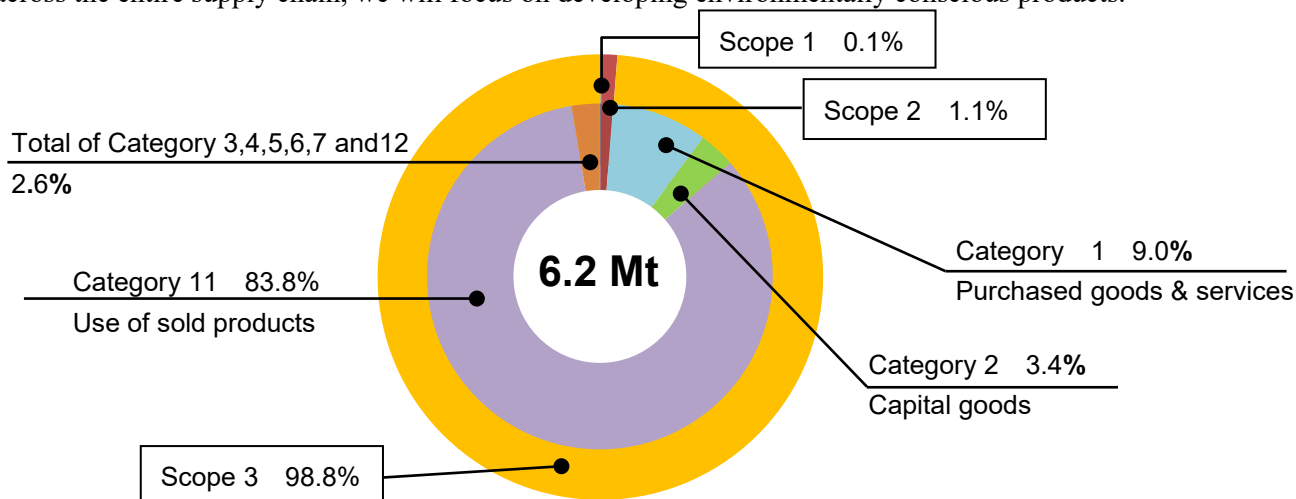
Regarding chemical substances, mixtures that contain Styrene, Xylene and Toluene are counted.

*Biochemical oxygen demand: One of the indicator of water pollution

CO₂ Emissions throughout the Supply Chain

With reference to the international standards for calculating greenhouse gas emissions “GHG Protocol” and the “Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain” issued by the Ministry of the Environment and the Ministry of Economy, Trade and Industry, we calculated CO₂ emissions from our business activities (Scope 1 and 2) and CO₂ emissions from other companies related to our business activities (Scope 3).

As emissions in Category 11 (Use of Sold Products) account for approximately 80% of total emissions across the entire supply chain, we will focus on developing environmentally conscious products.



Categories		t-CO ₂	Remark
Scope 1		4,876	
Scope 2		71,266	
Scope 3 Breakdown			
Category 1	Purchased goods & services	558,566	
Category 2	Capital goods	211,385	
Category 3	Fuel-and-energy-related activities not included in Scope 1 or Scope 2	6,758	
Category 4	Upstream transportation and distribution	123,659	
Category 5	Waste generated in operations	3,239	
Category 6	Business travel	484	
Category 7	Employee commuting	7,709	
Category 8	Upstream leased assets	-	This category does not apply to Makita business.
Category 9	Downstream transportation and distribution	-	This category does not apply to Makita business.
Category 10	Processing of sold products	-	This category does not apply to Makita business.
Category 11	Use of sold products	5,211,041	
Category 12	End of life treatment of sold products	22,552	
Category 13	Downstream leased assets	-	This category does not apply to Makita business.
Category 14	Franchises	-	This category does not apply to Makita business.
Category 15	Investments	-	This category does not apply to Makita business.

FYE 2021 Achievements Based on Our Environmental Action Plan

In order to promote the four environmental impact reduction initiatives, which are set out in the Environmental Policy, namely preventing global warming, promoting waste reduction and recycling, substitution and emission control of substances with environmental impact, and providing environmentally conscious products, we implement activities based on the Environmental Action Plan.

Environmental Action Plan

Target	Action	Achievement in FYE 2021
Preventing global warming (Reduction of CO ₂ emissions)	Reduce company-wide energy consumption intensity by over 7.73% by FYE 2021, with FYE 2013 as the baseline (For single year, reduce company-wide energy consumption intensity by over 1% year on year)	Energy consumption intensity increased by 6.9% year on year. (It decreased by 14% from FYE 2013)
Promoting waste reduction and recycling	Continue our company's slogan "Zero Waste, Zero Emissions." (Below the final disposal rate of 0.5%)	Below the final disposal rate of 0.18%
Substitution and emission control of substances with environmental impact	Promoting proper management of chemical substances	Continued necessary actions for EU RoHS Directive and EU REACH Regulation
Providing environmentally conscious products	Promote to shift to cordless and engineless	Promoted developing and expanding sales for environmentally friendly battery operated products

Environmental Initiatives in Our Business Activities

Based on the fundamental principles of creating clean plants and environmentally friendly offices, and preserving the environment from a global perspective, our company not only complies with laws and regulations, but is also working to reduce the environmental impact of our business activities by reducing the use of energy and water resources, and the emissions of chemical substances and waste.

Global Warming Prevention

CO₂ Emissions

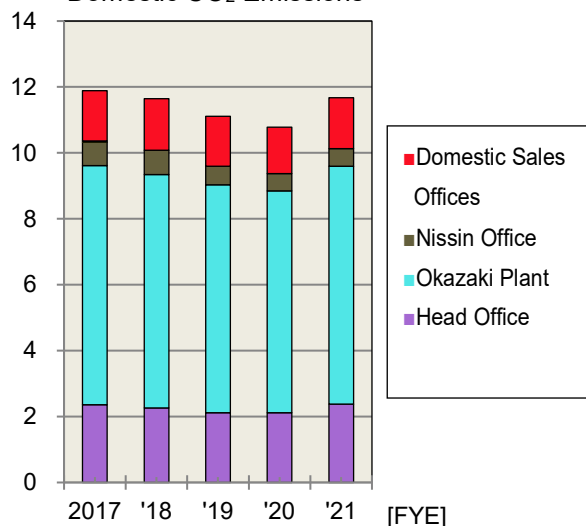
Related SDGs



CO₂ emissions from all our domestic business bases increased by 8.3% year on year to 11,672 tons. On a global basis, CO₂ emissions increased by 16.9% year on year to 76,142 tons. The amount of emissions increased largely due to increased production despite our efforts to introduce LED lighting, high-efficiency equipment, and air leakage countermeasures, etc. We will continue to effectively control energy input and reduce CO₂ emissions.

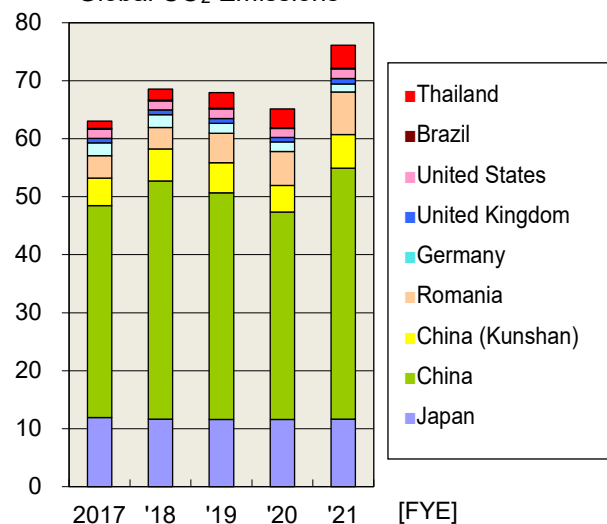
[thousand t-CO₂]

Domestic CO₂ Emissions



[thousand t-CO₂]

Global CO₂ Emissions

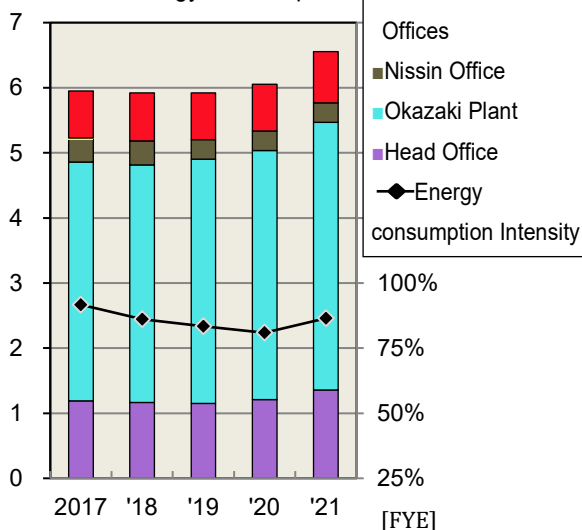


■ Total Energy Consumption

Total energy consumption by all our domestic business bases increased by 8.3% year on year to 6,556 kiloliters. Energy consumption intensity decreased by 14% from FYE 2013, achieving the target of a 7.73% reduction. On a global basis, energy consumption intensity increased by 17.3% to 27,789 kiloliters.

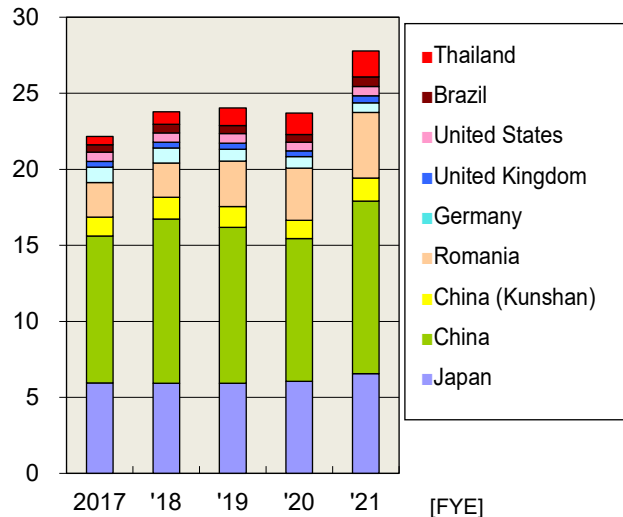
[thousand kl]

Domestic Energy Consumption



[thousand kl]

Global Energy Consumption



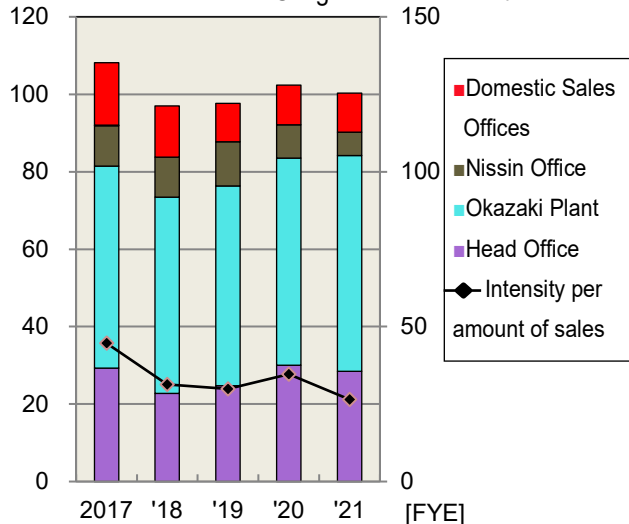
■ Water Usage

■ Water Resource Input

As for our domestic business bases, volume decreased by 2.0% year on year to 100,262 tons. On a global basis, volume increased by 9.2% to 408,590 tons.

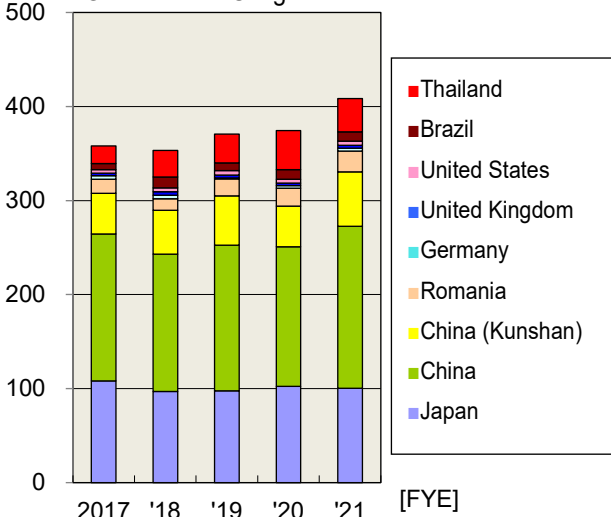
[thousand t]

Domestic Water Usage



[thousand t]

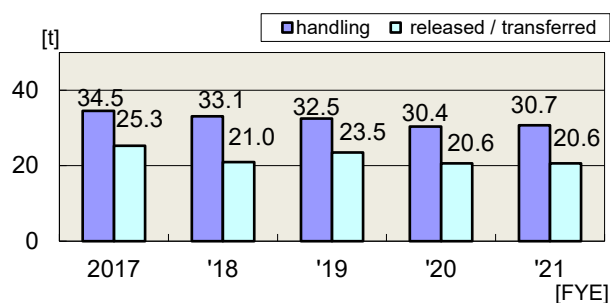
Global Water Usage



Management of Chemical Substances

■The Amount of Chemical Substances Released and Transferred

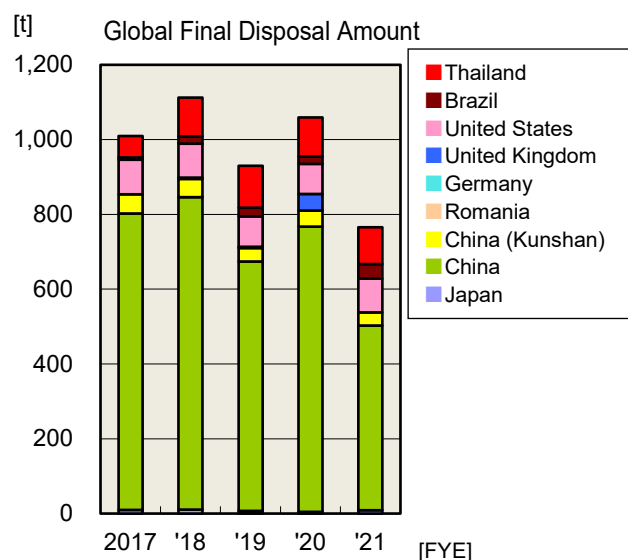
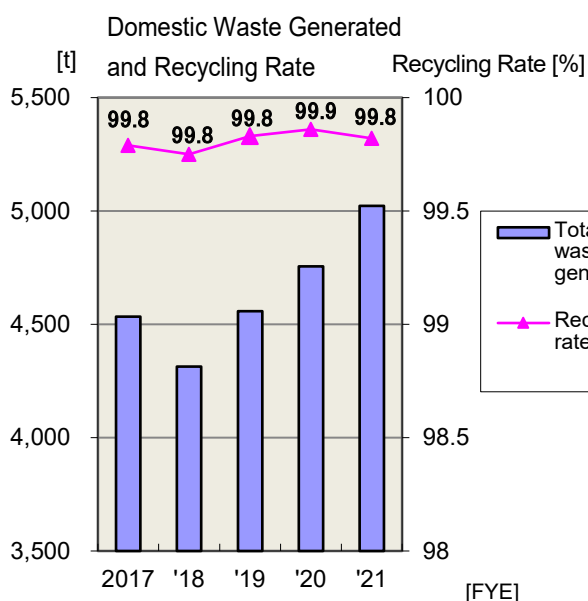
The graph on the right shows the trends in the handling amount and the released and transferred amount of Class I designated chemical substances (including specific designated chemical substances) designated by the PRTR law.



Reduction of Emissions

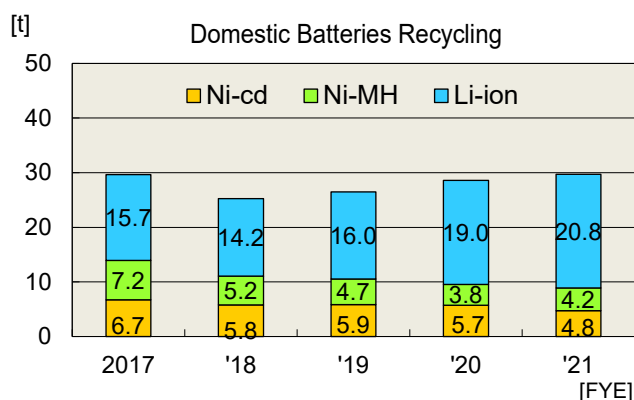
■The Total Volume of Waste Generated and Recycling Rate

The total volume of waste generated (final disposal amount and recycling amount) from our domestic business bases (Head Office, Okazaki Plant and Nisshin Office) is linked to business performance and shows an increasing trend. The recycling rate has consistently been below the final disposal rate of 0.5% (recycling rate of at least 99.5%), which is a target under our company's slogan "Zero Waste, Zero Emissions."



■Recycling of Small Secondary Batteries

Based on the Act on the Promotion of Effective Utilization of Resources, we, as a recycling member of JBRC (Japan Portable Rechargeable Battery Recycling Center), are voluntarily collecting and recycling small secondary batteries, and our 122 offices in total, which include 121 sales offices (as of March 31, 2021) and Head Office, are registered as collection points.

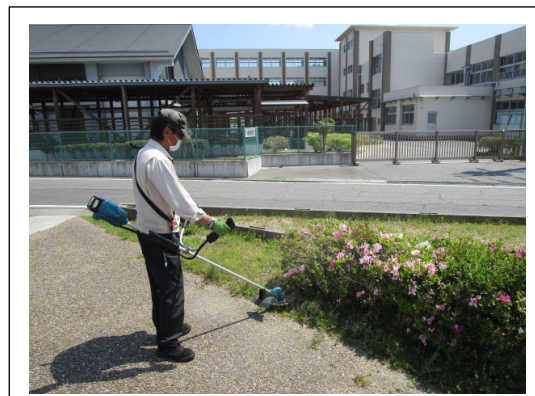


Environmental Communication with Local Communities

Social Contribution Activities for Local Communities

■Volunteer Cleanup Activities

At the Okazaki Plant, we clean the east side promenade of the plant site every month. We will continue to participate in local activities and actively engage in environmental protection activities.



Okazaki plant: Cleaning the east side promenade of the plant (May-2020)

Our Commitment to Preventing Environmental Risks

■Compliance with Environmental Regulations

In FYE 2021, there were no major revisions to environmental laws and regulations related to our company. Our company complies with environmental laws and regulations. We did not receive any environment-related complaints. In addition, there were no incidents with environmental risks.

■Voluntary Action Plan for Volatile Organic Compound (VOC)

Our company is making efforts to reduce VOC emissions based on the Voluntary Action Plan for VOC formulated by the four electrical and electronic industry associations. VOC emissions increased by 1.3% year on year but decreased by 45% from FYE 2011.

Related SDGs



	2011		'19	'20	'21
Head Office	0.02		0.03	0.03	0.02
Okazaki Plant	39.57		22.70	21.46	21.75
Total	39.59		22.73	21.49	21.77

[FYE]

■PCB Waste Management and Handling

In FYE 2021, our company completed the treatment of our stored PCB (polychlorinated biphenyl) waste (fluorescent lamp ballast) at JESCO, a national waste treatment facility.

In the future, we will systematically dispose of low-concentration PCB-contaminated waste electrical equipment that is generated when transformers and other power receiving equipment are upgraded.

■Conservation of Biodiversity

Our company is committed to conserving biodiversity company-wide by incorporating the phrase “aiming to conduct a wide range of environmental protection activities, in order to contribute to conservation of biodiversity” in the basic principles of our Environmental Policy.

We basically believe that all our environmental activities, including those aimed at reducing the environmental impact of our business activities by, for example, preventing global warming and reducing waste, lead to the conservation of biodiversity, and we promote such activities. Specific examples of such activities include promoting the greening of plant sites and making our water quality standards on water discharged into public water area stricter than laws and ordinances.

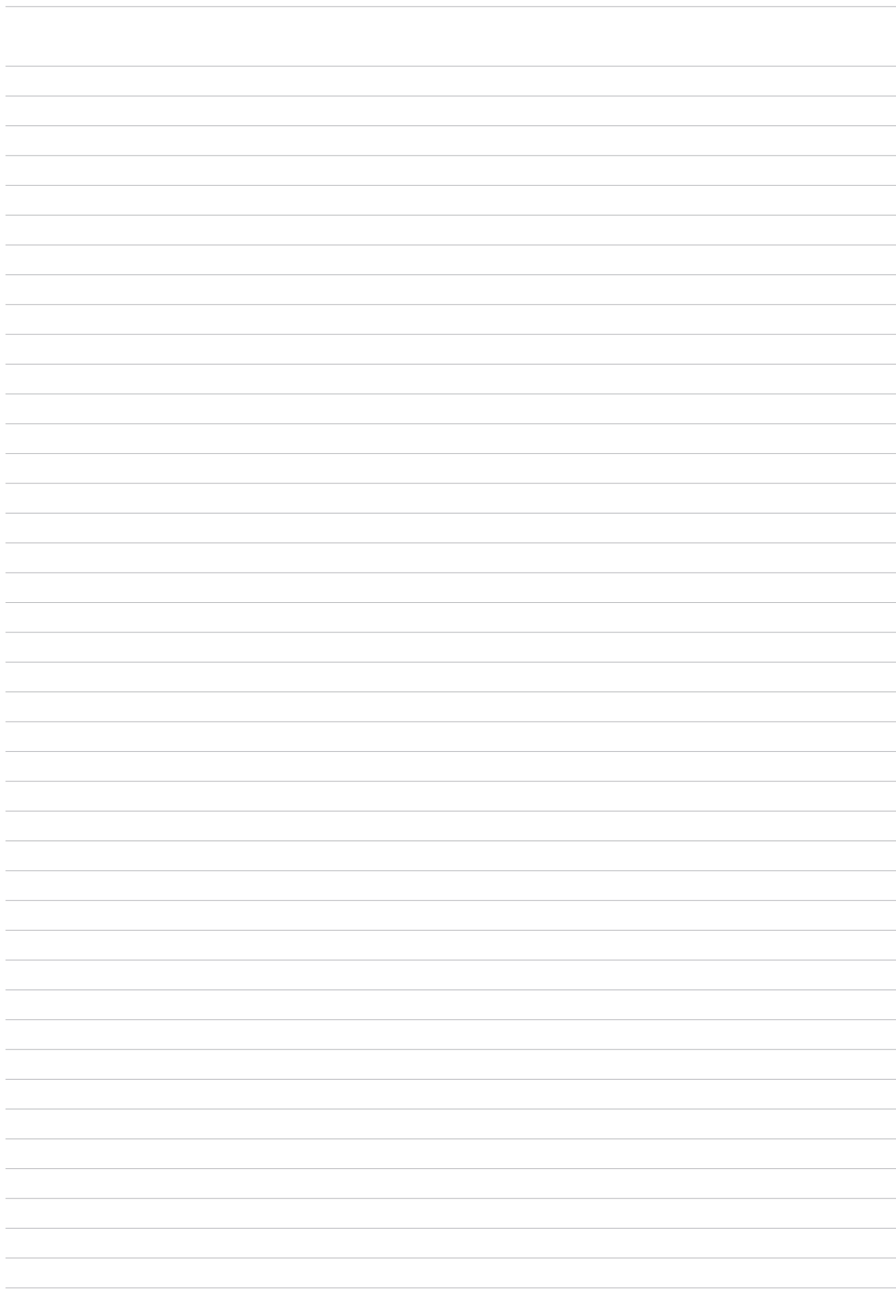
In addition, the Okazaki Plant's new distribution building, completed in 2021, is planted with indigenous species such as benthamidia japonica, machilus thunbergii, prunus yedoensis, weeping cherry, rhododendron indicum, and podocarpus macrophyllus.

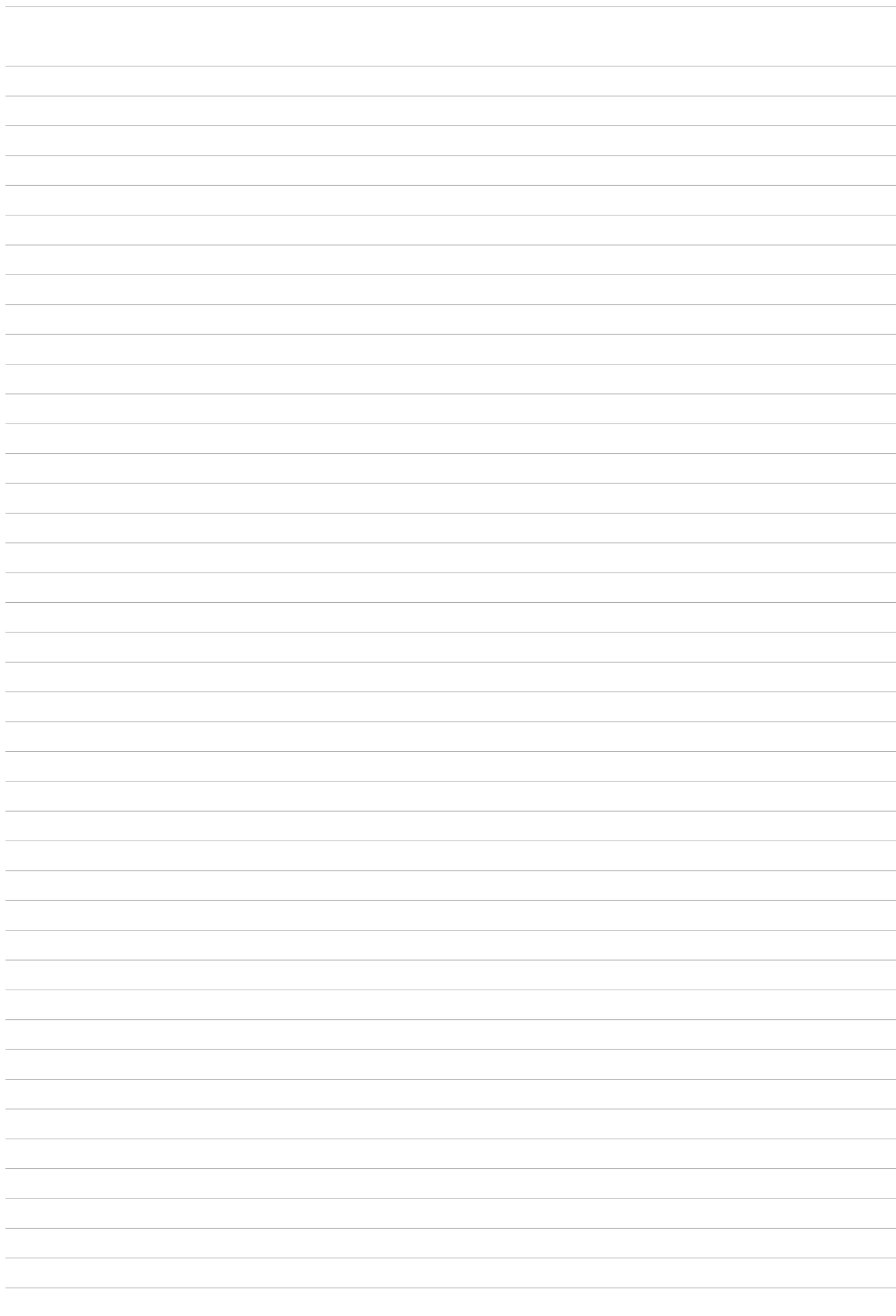
Environmental History

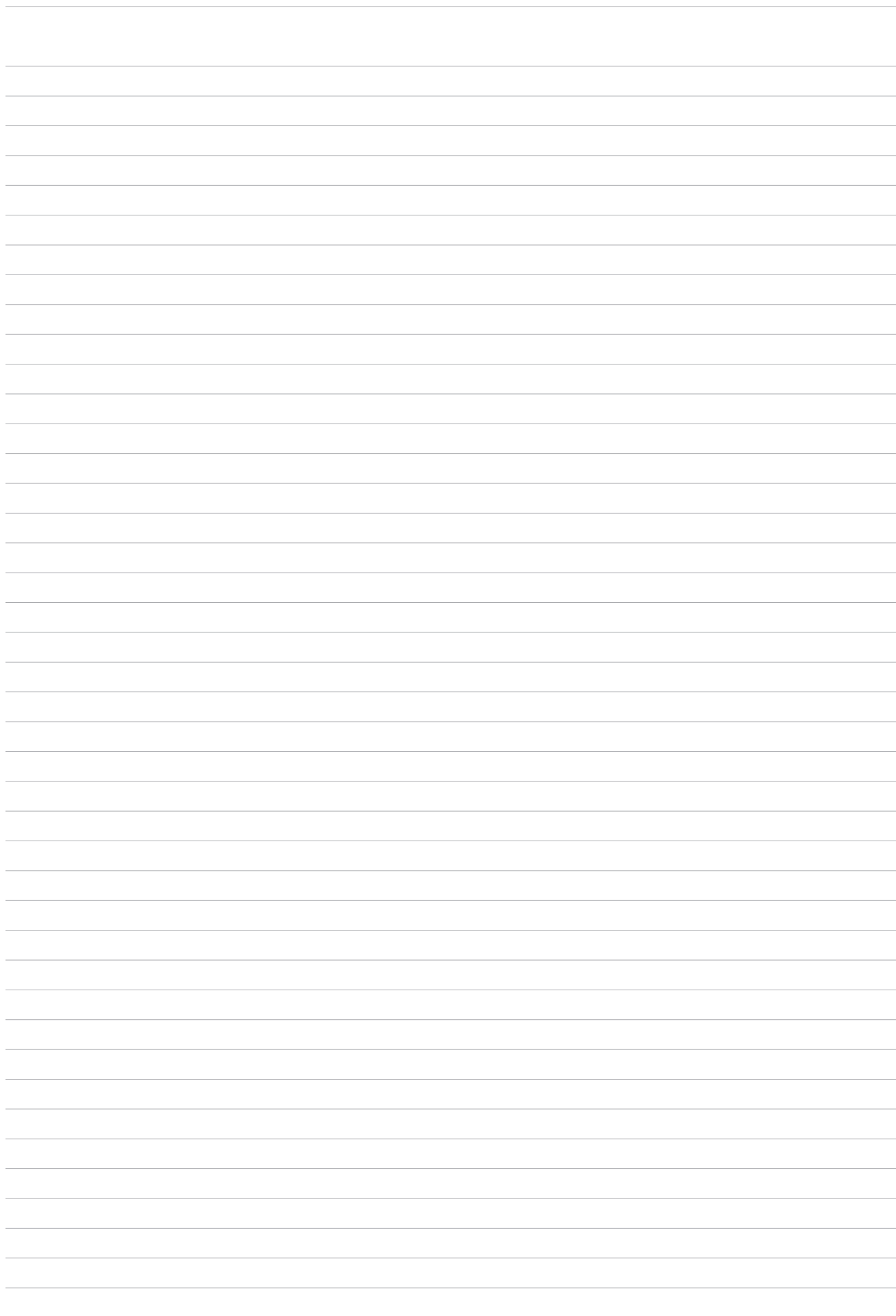
(Letter in Green; Our History of Approach on Environment)

Mar 1915	Founded Makita Electric Works (proprietorship) in Nagoya City. Began selling and repairing lighting equipment, motors, and transformers.
Dec 1938	Incorporated the proprietorship's business form and established Makita Electric Works, Inc.
Apr 1945	Moved the plant, in an attempt to avoid air raid, to the current head office in Sumiyoshi-Cho, Anjo-City.
Jan 1958	Started marketing portable electric planers, the first product in Japan.
May 1962	Changed the trade name to Makita Electric Works, Ltd.
Jul 1970	Established Makita U.S.A Inc.
Jul 1970	Established a new facility, Okazaki plant.
Jun 1981	Established Makita Brazil Ferramentas Elétricas Ltda., and started production.
Sep 1984	Established Makita Corporation of America. (Plant in the U.S.A, started production from Jan.1985)
Dec 1989	Established Makita Manufacturing Europe Ltd. (Plant in the U.K, started production from Jul.1991)
Jan 1991	Acquired Sachs Dolmar GmbH, chain saw manufacturer. (Plant in Germany)
Apr 1991	Changed the name to Makita Corporation.
Apr 1992	Opened Nissin Branch
Apr 1992	Started collection of Ni-Cd batteries.
Mar 1993	Settled on Makita's global environment charter. (This year is called Makita's environment first year.)
Jul 1993	Held the first meeting on environment.
Dec 1993	Established Makita (China) Co., Ltd. (MCC, plant in China, started production from Jul.1995)
Dec 1993	Settled on Makita's environmental voluntary plan. (Started environmental activities such as ozonosphere protection, measures for controlling global warming and industrial waste and using effective resources.)
Sep 1995	Established Makita Ichinomiya (MIC)
Nov 1997	Explanation concerning approach on global environment to all the foreign subsidiaries at Makita world meeting.
Apr 1998	Started Makita's Environmental Management System.
Nov 1998	Settled an environmental meeting at Makita world meeting.
Dec 1998	Issued the first environmental report.
Jan 1999	Started environmental internal audit.
Nov 2000	Established Makita (Kunshan) Co., Ltd. (MKC, plant in Kunshan, China, started production from Jun.2002)
Mar 2002	Received the award for recycling from the organization about clean of Gwinnett County in Georgia (Plant in the U.S.A)
Oct 2002	Started corresponding to WEEE, RoHS. (Environmental regulations in Europe)
Apr 2003	Finished construction of new buildings of headquarters.
Nov 2003	Received the gold award of Green Apple Award about wastes management (Plant in the U.K.)
Apr 2004	Set up "special meeting for compliance with European environmental regulations."
Jul 2004	To comply with European environmental regulation, the first XRF analysis device was brought.
Oct 2005	Announced the establishment of plant in Romania. (MMR, which started production from April 2007)
Jan 2006	Started "Makita World Meeting" about environment (Makita overseas plants and MIC participated)
Jan 2006	Acquired nailer business from Kanematsu-NNK Corp.
Feb 2006	Finished construction of new building in Okazaki plant.
Jul 2006	Participated in "Team Minus 6%,"the national CO2 reduction campaign against global warming.
Jul 2006	To add earthquake-proof construction, started rebuilding part of Okazaki plant.
Feb 2007	Makita world meeting: held environmental meeting with foreign plants and MIC.

May 2007	Made Fuji Robin Industries Ltd. a consolidated subsidiary. (Changed the name to Makita Numazu Corp. or MNC)
Jun 2007	Finished rebuilding of Okazaki plant.
Jul 2007	Makita Corporation (headquarters and Okazaki plant) acquired ISO14001 certificate from BSI.
Dec 2007	Broke up Makita Ichinomiya (MIC) and merged the function with headquarters and Okazaki plant.
Jan 2008	Started operation of new buildings in headquarters.
Oct 2008	Finished construction of MBR second plant in Brazil.
Oct 2008	MMR (plant in Romania) acquired ISO14001 certificate from LRQA.
Nov 2008	MCC and MKC (plants in China) acquired ISO14001 certificate from CQC.
Jan 2009	Finished production in Makita Canada and merged with MCA in the U.S.A.
May 2009	Finished construction of new building for logistics dept. in Okazaki plant.
Jul 2009	MME (plant in the U.K.) acquired ISO14001 certificate from BSI.
Aug 2009	Closed Atsugi office and merged the function with the headquarters and Okazaki plant.
Oct 2009	Opened Tokyo Technical Center.
Dec 2009	MCA (plant in the U.S.A.) acquired ISO14001 certificate from UL.
Jan 2010	Dolmar (plant in Germany) acquired ISO14001 certificate from SGS.
Mar 2010	MBR (plant in Brazil) acquired ISO14001 certificate from BSI.
Jun 2010	Joined “Turn off the light” campaign for CO2 reduction in Japan
Oct 2010	Supported COP10 (Conference of the Parties) in Nagoya.
Mar 2011	Established Makita Manufacturing Thailand.
Apr 2013	Absorbed and merged Makita Numazu Corp.
Mar 2014	Closed Numazu office and merged the function with the headquarters and Okazaki plant.
May 2014	Started the rebuilding work for Okazaki plant “building-E” in order to boost the strength against earthquakes
May 2014	Started the demolition work and soil contamination investigation for former Numazu branch
Dec 2014	Completed the demolition work and soil improvement work for former Numazu branch
Mar 2015	100th anniversary of Makita Corporation
Aug 2015	Completed the rebuilding work for Okazaki plant “building-E”
Aug 2015	Completed the soil contamination investigation for former Numazu branch
Dec 2015	Completed the soil improvement work for former Numazu branch
Jan 2016	Started the groundwater monitoring for former Numazu branch
Sep 2016	Closed Tokyo Technical Center
Jan 2018	Completed the groundwater monitoring for former Numazu branch
Feb 2018	Completed the countermeasure based on the law regarding soil contamination for former Numazu branch
Feb 2018	Received the silver award of “Aichi Environmental Award 2018” in Japan for advanced environmental technology of Makita products
Feb 2018	MMT (plant in Thailand) acquired ISO14001 certificate from Bureau Veritas.
Mar 2019	Made Amadera Kuatsu Kogyo one of Makita group’s subsidiaries
Apr 2019	Started the construction work for new distribution building in Okazaki plant
Jul 2019	Completed the construction work for the expansion of the factory (Plant in Romania)
Jan 2020	Started the construction work for No.4 factory (Plant in China)
Oct 2020	Started the construction work for new “building-E” of Head Office in Japan
Oct 2020	Announced to discontinue the manufacture of engine products in March 2022
Dec 2020	Completed the construction work for new distribution building in Okazaki plant









Makita Corporation Environment Group

3-11-8 Sumiyoshi-cho, Anjo, Aichi, 446-8502, Japan

Phone: +81-566-97-1710 Fax: +81-566-97-1735 E-mail: kankyou@mj.makita.co.jp