PFU
A RICOH Company

PFU
Environmental Report
2025

Corporate Profile

Company name:	PFU Limited
Capital:	15 billion yen
Sales:	122 billion yen (consolidated for fiscal 2024)
Employees:	3,960 (PFU Group, as of May 2025)
Establishment:	November 1960
Shareholders:	Ricoh Company, Ltd.
Headquarters:	Nu 98-2 Unoke, Kahoku-shi, Ishikawa 929-1192 Japan

Our Business

■ Document Imaging Operations

- Planning, research, development, manufacturing, sales, and maintenance of document imaging products
- Planning, development, sales, and maintenance of document services

■ Infrastructure Customer Service & System Integration Business

- Construction and operation of the IT infrastructure and development of individual systems
- Sales, maintenance, and, kitting of IT equipment

Main Sites

Headquarters:	Kahoku-shi, Ishikawa
Yokohama Headquarters:	Yokohama-shi, Kanagawa
ProDeS Center:	Kahoku-shi, Ishikawa
Kansai Office:	Osaka-shi, Osaka
Tokai Office:	Nagoya-shi, Aichii

PFU Group (as of April 1, 2025)

- **Affiliated Companies (4 companies in Japan)**
  - PFU IT Services Limited
  - PFU Quality Service Limited
  - PFU Techno Wise Limited
  - PFU Life Agency Limited
- **Affiliated Companies (8 companies overseas)**
  - PFU Shanghai Co., Ltd.
  - PFU Jiangsu Nantong Information System Co., Ltd.
  - PFU America, Inc.
  - PFU Canada Inc.
  - PFU(EMEA) Limited
  - PFU Hong Kong Limited
  - PFU Shenzhen Limited
  - PFU Asia Pacific Pte. Ltd.

Report Contents

Period of Publication
This report is published for the period of April 1 2024 to March 31, 2025. Some content from March 2024 and before and April 2025 and after is also included.

This report was created to give information related to the environmental activities of PFU Limited and PFU Group.

Message from the Top

“Stop making excuses. Start finding solutions.” This is how we at PFU solve the world’s problems and contribute to society.

Since the founding of Unoke Denshi Kogyo in 1960, PFU has always pursued innovation and contributed to the development of information processing technology. We have established ourselves as an industry leader in the field of document solutions, including document scanners, and we are a trusted partner for many companies and organizations in building, operating and maintaining IT systems. We are proud of our history, and it is the foundation for our future growth.

Looking ahead, we are committed to evolving our business under the banner of “driving digital transformation”. As AI and cloud technologies advance, we will evolve our products and services to provide more value to our customers. We will strengthen our solutions that leverage data, achieve operational efficiency, and support our customers' digitalization.

In addition, we will conduct environmentally friendly business activities and actively engage in social contribution activities to realize a sustainable society. We hope that our technology will help create a better future.

Finally, we believe that the strength of each of our employees supports the growth of PFU. We promise to respect diversity, create an environment where all employees can play an active role, and build a corporate culture that enables us to grow together.

We at PFU will continue to evolve our edge devices to contribute to our customers' business process reforms and Digital Transformation, provide the services that support them, and contribute to the development of a sustainable world.

President and Representative Director

Eiji Hirahara

Environmental Policy

The Ricoh Group clearly defines its basic policy and action guidelines for environmental conservation as its "Environmental Principles". PFU is engaged in environmental activities based on these principles.

Environmental Principles

Basic Policy

As a global citizen, the Ricoh Group is obligation-conscious of environmental conservation. In addition, we strive to honor our environmental responsibilities and concentrate group-wide efforts in environmental conservation activities, implementation of which we believe to be as significant as our business operations.

Action Guideline

1. **Achieve superior targets**
   Complying with laws and regulations as a matter of course, we dutifully fulfill our environmental responsibilities, setting targets that go ahead of those that society currently requires, and by achieving these, create economic value.
2. **Develop innovative environmental technologies**
   We will take steps to develop and promote innovative environmental technologies that will give increased value to our customers and can be utilized by various people.
3. **Encourage all employees to participate in environmental activities**
   In all our business activities, we strive for awareness of environmental impact, thereby involving all Ricoh employees in implementing continuous improvements to prevent pollution, and use energy and natural resources more efficiently.
4. **Be attentive to product lifecycle**
   To provide our products and services, we spare no effort to reduce environmental effects in all stages of the product lifecycle, from procurement, manufacturing, sale, and logistics, to usage, recycling, and disposal.
5. **Improve employees' environmental awareness**
   We at Ricoh wish each employee to be attentive to a broader range of social issues and mindful of enhancing environmental awareness through proactive learning processes, designed to commit the employee to environmental conservation activities according to his or her responsibility.
6. **Contribute to society**
   By participating in and supporting environmental conservation activities, we will contribute to creating a sustainable society.
7. **Optimize communication with stakeholders**
   Ricoh Group will expand its environmental conservation activities with stakeholders. In addition, we will fully communicate and proactively cooperate with our stakeholders to reassure communities of our dependability and commitment to the environment.

Established in February 1992
Revised in February 2008

Environmental Management System

Environmental Management Framework

PFU promotes an environmental management system based on the Ricoh Group Environmental Principles and Ricoh Group Standards.

<EMS Organization>

<In-house Committees/Working Groups in Charge>

Risk Management Committee
- Risk Management
- Compliance

Regulation Working group
- Promotion of the development of eco-efficient products
- Promotion of proper management of products that contain chemical substances

Energy Saving/Waste Management Working Group
- Promotion of power saving/energy saving
- Promotion of waste reduction

Results in Acquiring Independent Certification

Since obtaining ISO 14001 certification at the former Kasashima site in October 1996, we have continuously expanded the scope of certified facilities, and as part of the Ricoh Group, we integrated our independent certifications, PFU in December 2022 and PFU IT Services in June 2023, into the Group's ISO 14001 certification.

October 1996:	Kasashima site (Ishikawa)
May 2001:	Headquarters/Ishikawa Development Center (Ishikawa), Tokyo Development Center (Tokyo)
April 2004:	Tokyo Headquarters (Kanagawa)
February 2006:	Kansai Office (Osaka), Tokai Office (Aichi), Shinbashi Office (Tokyo)
November 2006:	ProDeS Center (Ishikawa), PFU Techno Wise Takamatsu Plant (Ishikawa)
October 2008:	Sales and maintenance services in Japan (21 sites)
March 2010:	PFU Shanghai (Shanghai, China)
March 2015:	Yokohama Headquarters (Kanagawa) (Operations in the Tokyo Headquarters and Tokyo Development Center were combined)
April 2016:	PFU Quality Service Limited (Kanagawa)
December 2022:	Integrated our certifications as PFU Limited into the Ricoh Group ISO 14001 certification
June 2023:	Integrated our certifications as PFU IT Services Limited (Kanagawa) into the Ricoh Group ISO 14001 certification

Headquarters

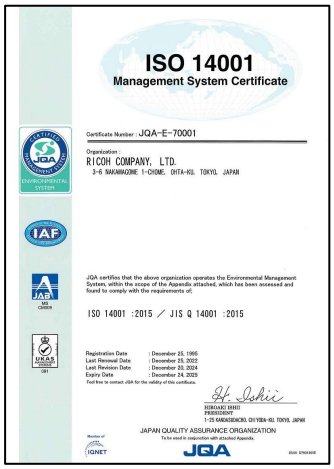
Yokohama Headquarters

ProDeS Center

Contents of ISO14001 Certification

Scope of Certification: Design, development, manufacture, sales and maintenance of Hardware of Computer, Peripheral Device, Application Device and Software conducted in PFU Limited, PFU IT Services Limited, PFU Quality Service Limited, PFU Techno Wise Limited, PFU Life Agency Limited, and PFU Shanghai Co., Ltd.

Certification Number	:JQA-E-70001
Registration Date	: October 29, 1996
Revision Date	: December 20, 2024
Certifying Organization	: Japan Quality Assurance Organization


ISO 14001
Management System Certificate

Certificate Number : JQA-E-70001

Organization :
RICOH COMPANY, LTD.
3-6 NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO, JAPAN

JQA certifies that the above organization operates the Environmental Management System within the scope of the Appendix attached, which has been assessed and found to comply with the requirements of;

ISO 14001 :2015 / JIS Q 14001 :2015

Registration Date : December 20, 1996
Last Renewal Date : December 20, 2022
Last Revision Date : December 20, 2024
Expiry Date : December 24, 2025

JAPAN QUALITY ASSURANCE ORGANIZATION

JQA

Internal Audits and External Inspections

Internal Audits

Internal audits are carried out by employees certified as auditors, confirming the implementation of each department's environmental target set in accordance with the Environmental Policy and confirming that each department upholds various rules, including laws. These audits help improve problems and spread positive activities in our company. Conducted from October 3 to 25, 2024, targeting 14 departments, we found 12 cases requiring improvement, and 19 good practice cases (no violations of laws and regulations).

External Inspections

Following our integration into the Ricoh Group’s ISO 14001 certification framework, we have been undergoing environmental audits conducted by the Japan Quality Assurance Organization (JQA) as part of the Ricoh Group since fiscal year 2022. Although these audits are held annually, the organizations selected for review are determined by JQA through a sampling process; PFU was not included in the fiscal 2024 audit. We continue to pursue ongoing improvements to our environmental management system, informed by the outcomes of the Ricoh Group’s audits.

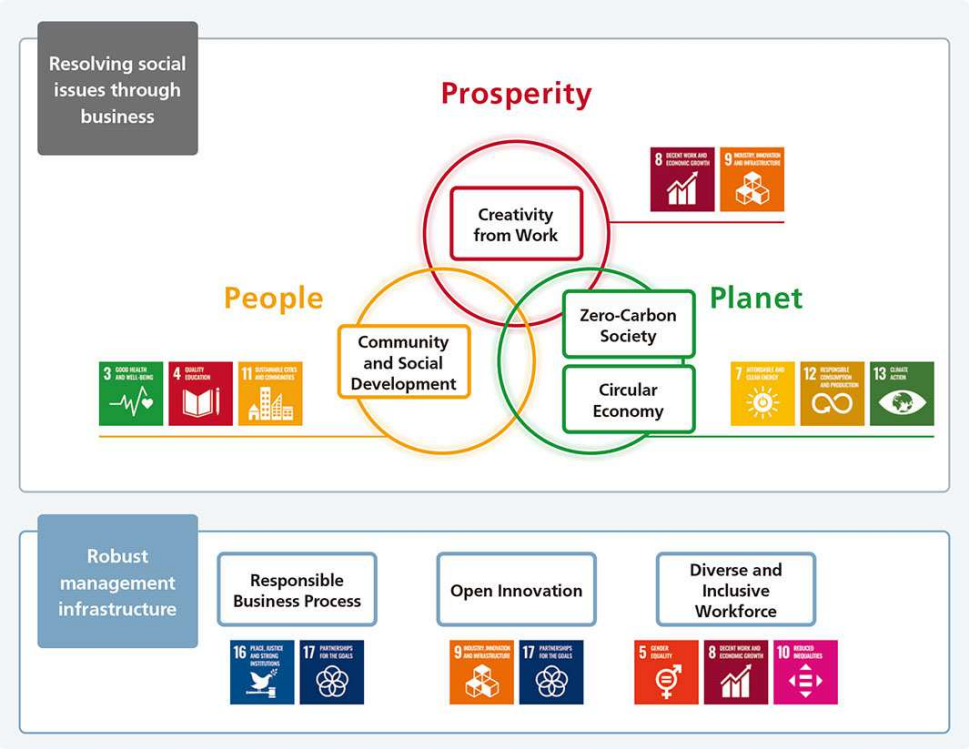
Fiscal 2024 Results of Internal Audits and External Inspection (Cases)

Classification	Internal Audits			External Inspections		
	Non-compliant Case	Case Requiring Improvement	Positive Case	Non-compliant Case	Case Requiring Improvement	Highly-rated Case
Number of Detected Cases	0	12	19	-	-	-

Action Plan from Fiscal 2023 to Fiscal 2025

The Ricoh Group has identified seven material issues in two areas, "Resolving social issues through business," and "Robust management infrastructure," and set ESG targets in linkage with the material issues. PFU has set ESG targets that are consistent with the Ricoh Group ESG targets.

Seven Material Issues for Ricoh Group



[Strategic Intent]

Resolving social issues through business	**Creativity from Work**	To provide digital services that transform the way customers work, and help them improve productivity improvement and value creation
	Community and Social Development	To contribute to the maintenance, development, and efficiency of community and social systems. We leverage our technical expertise and customer connections to expand the areas where we provide value.
	Zero-Carbon Society	To decarbonize the entire value chain and create business opportunities by contributing to carbon neutrality
	Circular Economy	To create business opportunities by building a circular economy business model for ourselves and our customers
Robust management infrastructure	**Responsible Business Process**	To earn stakeholder trust by taking a holistic view of our supply chain and minimizing ESG risks in our business processes
	Open Innovation	To shift from a self-sufficient approach to a new value creation process that creates businesses to quickly resolve social issues
	Diverse and Inclusive Workforce	To foster a corporate culture where diverse employees can demonstrate their potential and transform themselves and the company into one that is resilient to change

PFU ESG Targets

In fiscal 2024, we will work to achieve ESG targets related to the material issues of "Creativity from Work," "Zero-Carbon Society," "Circular Economy," "Responsible Business Process," and "Diverse and Inclusive Workforce."

Material Issues		ESG Indicators			Results for Fiscal 2023	Results for Fiscal 2024	Targets for Fiscal 2025
Resolving social issues through business	Creativity from Work	Sales of high-end scanners with high added value that contribute to customers' business efficiency (fi series: global sales volume)			369,824 units	327,204 units	360,000 units
	Zero-Carbon Society	Reduction rate of Scope 1 and 2 GHG emissions (compared to fiscal 2015)			5,126 tons of CO_2 (41.4% reduction)	2,059 tons of CO_2 (76.5% reduction)	2,076 tons of CO_2 (76.3% reduction)
		Reduction rate of Scope 3 GHG emissions	Product compliance with the International ENERGY STAR Program	Scanner products	Product compliance with EPEAT: 100% (3 products)	100% (1 model)	100%
			Acquisition of EPEAT	Scanner products	Product compliance with EPEAT: 100% (3 products)	100% (1 model)	100%
			Environmental performance index	Embedded computing products	4.01	3.82	-
				Interactive KIOSKs	14.36	11.276	10.46 or less
				Network appliance products	0.537	0.555	0.611 or less
				Security products	0.256	0.254	0.252 or less
			Amount of environmental contribution to our customers' places of business by providing customers with our products	Embedded computing products	9,465 tons of CO_2	10,598 tons of CO_2	-
				Interactive KIOSKs	1,732 tons of CO_2	1,367 tons of CO_2	762 tons of CO_2
				Network appliance products	339.6 tons of CO_2	340.8 tons of CO_2	294.1 tons of CO_2
				Security products	660.3 tons of CO_2	652.71 tons of CO_2	633.0 tons of CO_2
			Environmental contribution to our customers' places of business by providing environmentally conscious solutions	Documents	1,295.1 tons of CO_2	1093.6 tons of CO_2	677.6 tons of CO_2
				Solutions	5,977 tons of CO_2	6,108.1 tons of CO_2	4,126 tons of CO_2

	Circular Economy	Percentage of new resources used in products 	Percentage of new resources used	Scanner products	95.6%	95.3%	93.9%.
			Reduction in percentage of packaging materials made using virgin plastics made from fossil fuels (compared to fiscal 2020)	Scanner/keyboard products	22.5% reduction	31.0% reduction	14.5% reduction
Robust management infrastructure	**Responsible Business Process**	CHRB score ICT sector assessment	RBA-SAQ score 		89.6%	91.9%	85%
	Diverse and Inclusive Workforce	Engagement score 			3.57	3.67	3.74
		Female manager ratio 			8.4%	8.6%	8.5%

Carbon Neutral

Based on the Ricoh Group environmental targets, we aim to achieve net zero GHG emissions by fiscal 2050. Our fiscal 2040 target is to achieve virtually zero Scope 1 and 2 GHG emissions and 100% renewable energy for all the electricity used in our business activities.

■Efforts towards Scope 1 and 2

While promoting the sustainable conservation of energy, we are also advancing toward the adoption of renewable energy.
PFU has set a reduction target for fiscal 2030 consistent with the levels required to limit global warming to below 1.5 degrees Celsius.

■Efforts towards Scope 3

The reduction of CO_2 emissions has been required across the entire supply chain of our business operations, from upstream to downstream, such as procurement, transportation, and use.
PFU has set a reduction target for fiscal 2030 that focuses on three categories with high emission rates: "Purchased products and services (Category 1)", "Upstream transportation and distribution (Category 4)", and "Use of sold products (Category 11)".

■Efforts for a Wider Dissemination of Renewable Energy

As a member of the Ricoh Group participating in RE100 (*1), PFU is working to help disseminate renewable energy use throughout society. The amount of electricity generated from renewable energy sources in fiscal 2024 is 7,524 MWh.

Since April 2024, our headquarters and ProDeS Center have been using 100% renewable energy supplied by Ricoh Japan Corporation.

*1: The RE100 initiative is led by the Climate Group in partnership with the CDP. In Japan, the Japan Climate Leaders' Partnership (JCLP) has been acting as a local partner since April 2017 in encouraging Japanese companies to participate in these dissemination efforts.

Renewable Energy Power Supply Certificate

Ricoh Group decarbonization goals

	Target for fiscal 2030	Target for fiscal 2040	Fiscal 2050
Scope1, Scope2	63% reduction compared to fiscal 2015	Virtually zero GHG emissions	Net zero GHG emissions
Scope3	40% reduction compared to fiscal 2015 (Procurement, transportation and use categories)	63% reduction compared to fiscal 2015 (All categories)	
Renewable energy ratio	50%	100%	———

■Registered as a Zero-Carbon City Kahoku Promotion Partner

We have joined the initiative led by Kahoku City to realize a Zero-Carbon City and were officially registered as a "Zero-Carbon City Kahoku Promotion Partner" on February 25, 2024. This registration system recognizes businesses that collaborate with Kahoku City in efforts to achieve a decarbonized society. Moving forward, we will continue working toward reducing environmental impact and building a sustainable society through co-creation with the local community.

Promotion Partner
Registration Certificate

PFU Environmental Action Plan

Out of our PFU ESG targets for Fiscal 2023–Fiscal 2025, we set environmental targets related to the material issues of "Creativity from Work", "Zero-Carbon Society" and "Circular Economy", and implemented initiatives to achieve these targets.

Material Issues		Environmental Targets			Results for Fiscal 2023	Results for Fiscal 2024	Targets for Fiscal 2025
Resolving social issues through business	**Creativity from Work**	Sales of high-end scanners with high added value that contribute to customers' business efficiency (fi Series: global sales)			369,824 units	327,204 units	360,000 units
	Zero-Carbon Society	Reduction rate of Scope 1 and 2 GHG emissions (compared to fiscal 2015)			5,126 tons of CO_2 (41.4% reduction)	2,059 tons of CO_2 (76.5% reduction)	2,076 tons of CO_2 (76.3% reduction)
		Reduction rate of Scope 3 GHG emissions	Product compliance with the International ENERGY STAR Program	Scanner products	Product compliance with EPEAT: 100% (3 products)	100% (1 model)	Product compliance with EPEAT: 100%
			Acquisition of EPEAT	Scanner products	Product compliance with EPEAT: 100% (3 products)	100% (1 model)	Product compliance with EPEAT: 100%
			Environmental performance index	Embedded computing products	4.01	3.82	-
				Interactive KIOSKs	14.36	11.276	10.46 or less
				Network appliance products	0.537	0.555	0.546 or less
				Security products	0.256	0.254	0.252 or less
			Amount of environmental contribution to our customers' places of business by providing customers with our products	Embedded computing products	9,465 tons of CO_2	10,598 tons of CO_2	-
				Interactive KIOSKs	1,732 tons of CO_2	1,367 tons of CO_2	762 tons of CO_2
				Network appliance products	339.6 tons of CO_2	340.8 tons of CO_2	190 tons of CO_2
				Security products	660.3 tons of CO_2	652.71 tons of CO_2	633.0 tons of CO_2
			Environmental contribution to our customers' places of business by providing environmentally conscious solutions	Documents	1,295.1 tons of CO_2	1093.6 tons of CO_2	839.3 tons of CO_2
				Solutions	5,977 tons of CO_2	6,108.1 tons of CO_2	4,126 tons of CO_2

	Circular Economy	Percentage of new resources used in products 	Percentage of new resources used	Scanner products	95.6%	95.3%	93.9%.
			Reduction in percentage of packaging materials made using virgin plastics made from fossil fuels (compared to fiscal 2020)	Scanner/keyboard products	22.5%	31.0%	14.5%

Results from Activities in Fiscal 2024

In fiscal 2024, as the second year of our three-year plan, we worked on 18 environmental targets and achieved 15 of them.

✓: Target achieved -: Target not achieved

Material Issues		Environmental Targets			Targets for Fiscal 2024	Results for Fiscal 2024	Evaluation
Resolving social issues through business	Creativity from Work	Sales of high-end scanners with high added value that contribute to customers' business efficiency (fi series: global sales volume)			390,000 units or more	327,204 units	-
	Zero-Carbon Society	Reduction rate of Scope 1 and 2 GHG emissions	Reduction of GHG emissions (compared to fiscal 2015)		5,332 tons of CO_2 or less (39.0% reduction)	2,059 tons of CO_2 (76.5% reduction)	✔
			Improvement of quality and enhancement of business efficiency		At least one suggestion per department (19 departments)	At least one suggestion per department (Achieved in all 19 departments)	✔
		Reduction rate of Scope 3 GHG emissions	Product compliance with the International ENERGY STAR Program	Scanner products	Product compliance with EPEAT: 100% (1 product)	100% (1 model)	✔
			Acquisition of EPEAT	Scanner products	Product compliance with EPEAT: 100% (1 product)	100% (1 model)	✔
			Improvement in environmental performance index score	Embedded computing products	4.30 or less	3.82	✔
				Interactive KIOSKs	11.263 or less	11.276	-
				Network appliance products	0.557 or less	0.555	✔
				Security products	0.256 or less	0.254	✔
			Improvement in the amount of environmental contribution to our customers' places of business by providing our customers with our products	Embedded computing products	8,155 tons of CO_2	10,598 tons of CO_2	✔
				Interactive KIOSKs	1,332 tons of CO_2 or more	1,367 tons of CO_2	✔
				Network appliance products	301.8 tons or CO_2 or more	340.8 tons of CO_2	✔
				Security products	645.0 tons or CO_2 or more	652.71 tons of CO_2	✔

	Circular Economy	Percentage of new resources used in products 	Improvement in the amount of environmental contribution to our customers' places of business by providing our customers with environmentally conscious solutions	Documents	762.3 tons of CO_2 or more	1,093.6 tons of CO_2	✔
				Solutions	4,023 tons of CO_2 or more	6,108.1 tons of CO_2	✔
			Promotion of environmentally conscious solutions and services		At least one suggestion per department (6 departments)	At least one suggestion per department (Achieved in 6 out of 6 departments)	-✔
			Percentage of new resources used	Scanner products	95.2% or less	95.3%	-
			Reduction in percentage of packaging materials made using virgin plastics made from fossil fuels (compared to fiscal 2020)	Scanner/keyboard products	9.5% or more	31.0%	✔

Sales of High-end Scanners That Contribute to Customers' Business Efficiency

We sold high-end scanners that helped improve our customers' business efficiency with high added value with the aim of creating more comfortable working environments for everyone through the power of people and digital technology.

High-end scanner sales volume (fi series: global sales volume)	Target for Fiscal 2024	Results for Fiscal 2024
	390,000 units or more	327,204 units

Reduction of GHG emissions

We are working toward a zero-carbon society by engaging in energy-saving activities to reduce energy consumption (*2). In fiscal 2024, we worked on updating our air-conditioning equipment and expanding our use of renewable energy.

*2: Scope 1: Gasoline and light oil (for company-owned cars used on the company premises), liquefied petroleum gas (dining hall kitchen), town gas (heating and cooling), kerosene (heating)
Scope 2: Purchased electricity and heating (district cooling and heating at the Yokohama headquarters)

Energy consumption (CO2 conversion value: t-CO2)	Target for Fiscal 2024	Results for Fiscal 2024
	5,332 tons of CO_2 or less	2,059 tons of CO_2

■ Energy conservation through changes to air conditioning shutdown times and upgrades to chiller refrigeration units

At our headquarters, we implemented the following measures in fiscal 2024 as part of our efforts to promote environmental conservation and energy conservation.

First, we have changed the air conditioning shutdown time by 1 to 2 hours earlier than before, unifying it to 5:30 p.m. This has reduced electricity consumption after working hours, resulting in an energy conservation effect of approximately 43,000 kWh.

Additionally, we have replaced the aging air conditioning chiller units in December 2024, achieving high operational efficiency through the use of R32 refrigerant, which has excellent thermal properties.

This resulted in energy savings of approximately 22,000 kWh in fiscal 2024. We forecast annual energy savings of approximately 80,000 kWh. In addition, the introduction of remote monitoring devices has led to more efficient monitoring and inspection of air conditioning equipment.

Business site	Headquarters
When improvements were made	April 2024
Amount of Reduction in CO_2 Emissions	33.32 tons of CO_2

Headquarters Building B Chiller

■Utilization of renewable energy

PFU will contribute to the wider spread of renewable energy across all of society while also working towards the adoption of renewable energy, to reach the Ricoh Group's goal of achieving virtually zero CO_2 emissions.

Renewable energy consumption in Fiscal 2024	
Headquarters, ProDeS Center	6,708 MWh (Uses 100% renewable energy supplied by Ricoh Japan Corporation)
Yokohama Headquarters	816 MWh (Used a plan that meets the "RE100 TECHNICAL CRITERIA" requirements for the power supplied to the building)

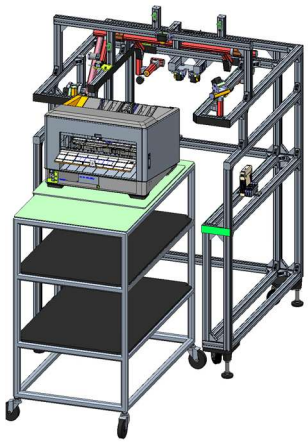
Improvement of Quality and Enhancement of Business Efficiency

Even in in-house work, we promote the reduction of the environmental impact through the enhancement of business efficiency and the improvement of quality using IT, which leads to promoting environmental activities that are focused on our core business. In fiscal 2024, we promoted quality improvement and operational efficiency of our core business at all departments.

Examples of Improvements in Fiscal 2024

■Development of a Scanner Automatic Visual Inspection System to Reduce Man-Hours

In the scanner assembly process, we automated visual inspections (silk printing, lever position, presence/absence of labels, and correctness of label orientation, etc.) that were previously scattered across various stages. Previously, workers performed visual inspections at each stage, but by developing and introducing a hands-free visual inspection machine, we achieved a reduction in inspection man-hours.
The automatic visual inspection system allows the device to be placed on the workbench and set into the visual inspection machine. Using 10 cameras, it can inspect up to 11 visual inspection points simultaneously through pattern matching using image processing software. This reduces inspection time by one-third and prevents errors such as missed inspections or incorrect lever position settings.



Automatic visual inspection system

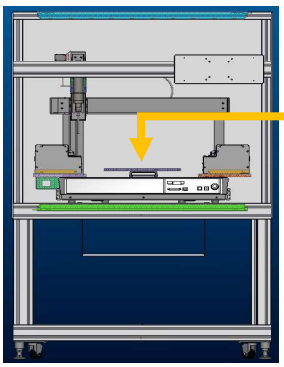
visual inspection points

Up to 11 inspection points

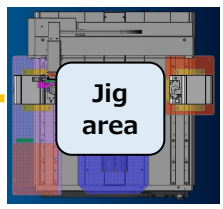
■Development of a General-Purpose Screw Tightening Robot to Reduce Man-Hours

We have automated screw tightening in the assembly process of mixed-model production lines. Previously, workers performed screw tightening manually, but by developing and introducing screw tightening robots, we have reduced the number of man-hours required for this task.
Mixed-model production lines manufacture a wide variety of products, large and small. By switching out jigs (fixtures) tailored to each product, a single robot can handle screw-tightening for multiple product types. In the future, we plan to expand the range of products covered and forecast a reduction of 50 man-hours per month.

Screw tightening robot (appearance)



Screw tightening robot (front view)



By switching out jigs tailored to each product, the robot can perform screw-tightening operations on a wide variety of products.

Eco-efficient Products, Solutions, and Services

We make efforts to develop and provide eco-efficient products that support "energy-saving", "3R design (*3)", and "management of used chemical substances" in order to reduce the environmental impact throughout the product's entire life cycle. In fiscal year 2024, we promoted the development and delivery of environmentally conscious products across all business units by setting environmental performance improvement as a key environmental objective. Through the increased provision of high-performance eco-friendly products, we contributed to at our customers' sites.

In addition, we provide environmentally conscious solutions and services that contribute to reducing the environmental impact of our customers' operations, such as energy conservation and paperless operations, through operational efficiency, reduction of material consumption, reduction of material transportation, and effective use of space.

In fiscal 2024, we moved forward with the activities that contribute to reducing the environmental impact on our customers, such as developing and shipping various solutions and services, and expanding the provision of solutions and services that utilize scanners.

Main Achievements of Fiscal 2024

Reduction of Scope 3 GHG emissions	Product compliance with the International ENERGY STAR Program Acquisition of EPEAT	Scanner products	・As planned, we complied with the International ENERGY STAR Program for 1 newly-developed model. ・As planned, we acquired certification for 1 new model that is to be expanded to North America, for EPEAT (Electronic Product Environmental Assessment Tool), an environmental evaluation system for electronic products adapted as a system for promoting green purchasing, primarily in organizations related to the American government.
	Improvement in environmental performance index score Improvement in the amount of environmental contribution to our customers' places of business by providing our customers with our products	Embedded computing products	To make environmental contributions, we made efforts to develop better products by improving the environmental contribution indexes that we defined based on our own standards. We have also made efforts to reduce the environmental impact at our customers' places of business by providing our products for customers.
		Interactive KIOSKs	To make environmental contributions, we made efforts to develop better products by improving the environmental contribution indexes that we defined based on our own standards. We have also made efforts to reduce the environmental impact at our customers' places of business by providing our products for customers.
		Network appliance products	To make environmental contributions, we made efforts to develop better products by improving the environmental contribution indexes that we defined based on our own standards. We have also made efforts to reduce the environmental impact at our customers' places of business by providing our products for customers.
		Security products	To make environmental contributions, we made efforts to develop better products by improving the environmental contribution indexes that we defined based on our own standards. We have also made efforts to reduce the environmental impact at our customers' places of business by providing our products for customers.

	Improvement in the amount of environmental contribution to our customers' places of business by providing our customers with environmentally conscious solutions	Documents/ Solutions	We have made efforts to reduce the environmental impact at our customers' places of business by providing our environmentally conscious solutions for the customers.

*3: 3R design: Design in which the concepts of "Reduce", "Reuse", and "Recycle" are taken into consideration.

Main Eco-efficient Products

We contribute to reducing the environmental impact of our customers' business by offering products that comply with the Act on Promoting Green Procurement with energy-saving and 3R design features, and furthermore that comply with various environmental standards. Information about the compliance of our scanners with environmental standards is published on our official company website.

https://www.pfu.ricoh.com/global/sustainability/environment/solution.html

fi-8950/fi-8930/fi-8820

Main Environmentally Friendly Solutions and Services

	Activity	Product
Reducing our customers' environmental impact by expanding our environmentally conscious solutions and services	・Development and shipment of environmentally conscious solutions ・Expansion of the provision of solutions and services that utilize scanners ・Promotion of virtualization, cloud negotiation, etc.	・DynaEye 11 ・BIP Smart ・PaperStream Capture ・Caora

■Development of a high-precision lithium-ion battery detection system

In recent years, the number of small products containing lithium-ion batteries has been increasing. However, when these items are mistakenly disposed of as non-combustible waste or plastic packaging, they can cause smoke or fires during collection, transport, or at waste processing and recycling facilities—leading to reports of large-scale fires.
To address this challenge, we are collaborating with partner companies to develop a lithium-ion battery detection system for practical use. This system utilizes X-ray inspection sensors and our waste sorting specialized AI engine “Raptor VISION BATTERY” to detect lithium-ion batteries mixed in with other waste even while still inside sealed waste bags.

(System Overview)
Waste transported on a belt conveyor is scanned using an X-ray device, and the resulting images are analyzed by our waste sorting AI engine specialized in detecting lithium-ion batteries. Once a battery is detected, the system uses projection mapping to highlight its location, notifying operators of the exact position for appropriate handling.

Raptor VISION BATTERY

We are pleased to announce that our system has been awarded first place in the "NEDO Challenge, Li-ion Battery 2025: Prevent Fires and Aim for Urban Mining!" contest, hosted by the New Energy and Industrial Technology Development Organization (NEDO). This recognition was granted in the category of lithium-ion battery detection devices (portable and stationary types), based on the system’s high detection accuracy.
Detection performance:
Plastic waste: Detection rate 100%, false positive rate 0%
Non-combustible waste: Detection rate 90%, false positive rate 2%

Going forward, we will continue to make improvements toward commercialization, not only to solve the global challenge of fires caused by lithium-ion batteries, but also to enable the separation and extraction of lithium-ion batteries for reuse as a resource, thereby contributing to the realization of a sustainable society.

Initiatives for Sustainable Resource Use

At PFU, we are actively working to reduce the use of virgin resources by expanding the use of recycled materials in our products and minimizing the use of virgin fossil-based plastics in packaging. These efforts are part of our broader commitment to reducing environmental impact.

■Reducing the Use of Virgin Materials in Products

We are working to reduce plastic waste by utilizing recycled plastics in our products. When incorporating recycled materials, we carefully select application areas to ensure durability is not compromised and to manage variations in color tone.
In the RICOH fi-8190/fi-8170 models, recycled plastics account for 13.8% of the total resin weight (by weight ratio), contributing to the reduction in the use of virgin materials.
Across our entire scanner product line, the virgin material usage ratio stands at 95.3%.

Main Achievements of Fiscal 2024

	Target for Fiscal 2024	Results for Fiscal 2024
Virgin material usage ratio	95.2% or less	95.3%

■Improving the Reduction Rate of Fossil-Based Virgin Plastic Packaging

Traditionally, cushioning materials used during product transportation were made from fossil-based polystyrene foam. For our scanner products, we are transitioning to recyclable paper-based packaging materials.
By replacing polystyrene foam with cardboard in selected models, we have achieved a 31.0% reduction in the use of fossil-based virgin plastic packaging materials compared to Fiscal 2020.

Main Achievements of Fiscal 2024

	Target for Fiscal 2024	Results for Fiscal 2024
Improving the Reduction Rate of Fossil-Based Virgin Plastic Packaging (compared to fiscal 2020)	9.5% or more reduction	31.0% reduction

Promotion of Environmental and Social Contribution Activities

We are promoting the sharing of environmental information with our employees to raise environmental awareness, while also engaging in environmental and social contribution activities in the local community. Additionally, under agreements and collaborations with local communities and municipalities surrounding our facilities, we are driving initiatives to preserve biodiversity and beautify the local environment, among other efforts to protect the rich natural ecosystem.

In fiscal 2024, we participated in volunteer activities to remove sediment in Wajima City, which was damaged by heavy rains on the Noto Peninsula, and conducted cleanup activities around our business sites. We also hold events for local residents and engage in community and social contribution activities through the PFU BlueCats ISHIKAWA KAHOKU professional volleyball team.

No.	Event name	Done	Implemented at:
1	Donations for Regional and Environmental Conservation	April, May, September, December 2024	Ishikawa
2	Cleanup activity on the Kahoku Lagoon	June, October 2024	Ishikawa
3	Mass beach cleanup activity sponsored by Kahoku City	July 2024	Ishikawa
4	Volunteer activities in response to the heavy rain disaster in the Noto Peninsula	October to December 2024	Ishikawa
5	Plantation of nandina saplings	December 2024	Ishikawa
6	Community Contribution Activities Through Sports (PFU BlueCats ISHIKAWA KAHOKU)	All year	Ishikawa
7	Use of local ingredients in the company cafeteria	All year	Ishikawa
8	Collection of plastic bottle caps	All year	All the sites in the nation
9	Cleanup activity around business sites	All year	All the sites in the nation

Cleaning, volunteer activities

■Volunteer Activities for Kahoku Lagoon Reclaimed Land

In March 2007, we entered into a contract to take part in voluntary activities such as weeding and beautification of the environment to help maintain the beauty of the Kahoku Lagoon Reclaimed Land and the function of its agricultural facilities, as private company No. 1 for the Kahoku Lagoon Reclaimed Land Improvement Area and Kahoku Lagoon Reclaimed Land Periphery Improvement Area. In accordance with this contract, in fiscal 2024, we took part in cleanup activities on the Kahoku Lagoon Reclaimed Land in June and October.

■Mass Beach Cleanup Activity Sponsored by Kahoku City

In Ishikawa, we participated in the mass beach cleanup sponsored by Kahoku City in July 2024.
Together with other participants, we collected a large amount of marine debris—including plastic bottles, styrofoam, and empty cans that had accumulated in the gaps between tetrapods, using a bucket relay method.

■Local Environment Beautification Activities

In the Ishikawa area, we cleaned along the commute routes around the headquarters and ProDeS Center in June. This included collecting plastic bottles, empty cans, cigarette butts, and other metal and plastic waste discarded along the commuting routes and around parking areas, contributing to the beautification of the local community.
As part of our CSR activities and environmental activities, we participated in a cleanup activity at Yokohama Minatomirai Grand Mall Park.

Commute route cleanup (Headquarters)

At PFU IT Services Limited, we participated in cleanup activities around our business sites located in Miyagi, Kagawa, Fukui, Saga, and Kanagawa Prefectures. We remain committed to actively engaging in local events and contributing to environmental initiatives.

Fukui City downtown cleanup (Fukui City)

■ Volunteer Activities in Response to the Heavy Rain Disaster in the Noto Peninsula

We participated in volunteer efforts to support recovery from the heavy rain disaster that struck the Noto Peninsula in Ishikawa Prefecture in September 2024. From October to December 2024, a total of 74 employees took part in support activities focused on removing debris and clearing mud from damaged homes in Wajima City.

Events

■PFU Creation Workshop Camp 2024

On July 27th (Sat) and August 4th (Sun) in 2024, we held PFU Creation Workshop Camp 2024 at the PFU Headquarters.
This is an event we have been holding since 2007 for local children in Kahoku City. 2024 marks our 18th workshop camp.
In cooperation with the hands-on courses for families held at Kahoku Citizen's College and sponsored by the Kahoku City Board of Education, this event is being offered to families of elementary school students (4th to 6th graders), including families from Kahoku City and families of our company employees.
In fiscal year 2024, we invited 30 parent-child pairs to participate in a two-day program featuring electronic craft activities aligned with the theme of the "Elementary School Programming Contest in Ishikawa."

■PFU Kids Project for the Future - Ishikawa Space School

In 2010, we began collaborating with teachers in Kahoku City, Kahoku County, and Kanazawa City to carry out events working with the themes of space and natural science.
In fiscal year 2024, approximately 300 participants took part in hands-on experiments and craft activities through three annual school-based sessions.

Donations for Regional and Environmental Conservation

■Green Fund Donation and Plantation of Nandina Saplings

Every year we donate to the "Green Fund", and we plant the saplings we are gifted in return on the grounds of our headquarters. The proceeds from this Green Fund are used for domestic forest maintenance activities such as tree planting and thinning, as well as for supporting disaster-affected individuals, providing forest environmental education for children—the future stewards of our planet—and contributing to overseas greening initiatives.

■PFU Christmas Charity Concert

This concert has been held since 1992. In fiscal 2024, it was held at the “Ishikawa Ongakudo” Concert Hall (Ishikawa Prefectural Music Hall), attracting approximately 1,400 people. All proceeds from this concert were donated through Ishikawa Prefecture as relief funds for the 2024 Noto Peninsula Earthquake and the 2024 Noto Heavy Rain Disaster.

PFU BlueCats ISHIKAWA KAHOKU's Activities

■Sports Classes and Career Talks at Elementary Schools

PFU BlueCats ISHIKAWA KAHOKU holds sports classes at elementary schools in Kahoku City and other areas of Ishikawa Prefecture as part of comprehensive learning and career education.
In these classes, players and alumni enjoy volleyball with the children and give career talks based on their experiences as athletes, encouraging the children to think about their dreams for the future and expand their horizons.

■”KAHOKU BLUE”: Sparkling Wine Project Connecting the Region with the Future

PFU BlueCats ISHIKAWA KAHOKU has developed a sparkling wine called “KAHOKU BLUE” using Takamatsu grapes, a specialty of Kahoku City, as a new challenge in collaboration with the local community. KAHOKU BLUE utilizes grapes that were discarded during the grape thinning process and contributes to the recycling of local resources and the promotion of local specialties and attractions through product development in cooperation with local farmers.
A portion of the proceeds from “KAHOKU BLUE” is donated to support recovery efforts for areas affected by the 2024 Noto Peninsula earthquake and heavy rain disaster.

Sharing Information

We transmit and introduce "information about eco-efficient products" and "environmental activities" via our official website and at events.
We are sharing information about sustainability on our website.

"Sustainability" Page on Our Official Website

PFU aims to be a business that can contribute to "solutions to social issues" and "a design for a sustainable society". We have posted a "Sustainability" page on our public website to share information about our way of thinking, course of action, and future direction for "sustainable operation", "environment (E)", "society (S)", and "governance (G)".
In addition, we have built an environment to distribute information within the company to raise awareness of SDGs among workers in the PFU group.

"Sustainability" Page on Our Official Website

Environmental Report

Since 1994, we have been issuing the "PFU Environmental Report" (and the English version since 2003) as our annual environmental report and publishing the report on our official website. In addition to this report, we also share the latest information about eco-efficient products on our official website.

Environmental Report

Showroom

We set up showrooms at our main sites in Japan to display our eco-efficient products, such as scanners and other environmentally conscious solutions.

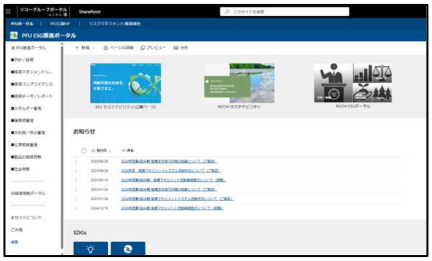

Headquarters


Yokohama Headquarters

Sharing Information on Environmental Issues Internally

We are continuing to make efforts to minimize our environmental impact by sharing the following information on environmental sustainability on the environmental information page on our in-house intranet.

- Environmental policy, action plan, and implementation progress
- Owned facilities and chemical substances used
- Information about environmental laws and regulations and the company's compliance status
- Environmental performance data
  (Electricity, heat, gasoline, light oil, kerosene, gas, water, and waste)
- News, topics, and other information regarding the environment


Portal site for environmental information for employees

Requests and Inquiries from Outside Our Company

In fiscal 2024, we responded to 199 requests and inquires, such as questionnaires and survey requests regarding the environment submitted to our company by customers, the government, industrial groups, and others. There were no environmental claims.

	Requests and Inquiries	Number of Requests
1	Requests about products and services (Example: Request for REACH/RoHS surveys, survey on the use of chemical substances specified by a customer, etc.)	119 requests
2	Requests other than those related to products (Example: Request for provision of data about the environment from customers, the government, industry organizations, etc.)	80 requests
	Total	199 requests

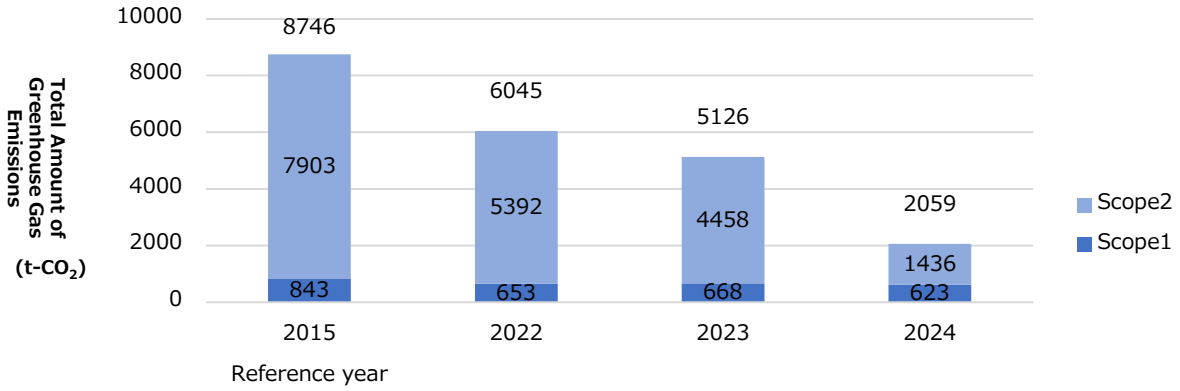
Environmental Performance Data

In order to conserve the environment surrounding our sites and comply with the regulations, we perform ongoing management of our facilities, as well as properly manage chemical substances to prevent pollution.
Also, we regularly monitor the environmental impact of our sites by assessing the actual amount of greenhouse gases, waste materials, and water resources emitted/used in our business operations.

Energy Consumption

Total Amount of Greenhouse Gas (GHG) Emissions (Scope 1, Scope 2)

The amount of greenhouse gas emissions from all our sites in Japan is converted to a CO2 equivalent weight as shown below.



The above greenhouse gas emissions amount (t-CO_2) is calculated by taking the total of the WRI/WBCSD GHG Protocol Scope 1 and Scope 2 emission amounts.

[Conversion factor] Purchased electricity: Uses each electric company's conversion factor for the Act on the Rational Use of Energy report
Liquefied petroleum gas: 6.527 tons of CO_2/1,000 ㎥,
town gas: 2.23 tons of CO_2/1,000 ㎥,
heat: 0.057 tons of CO_2/GJ, gasoline: 2.29 tons of CO_2/kL,
light oil: 2.62 tons of CO_2/kL, kerosene: 2.5 tons of CO_2/kL

	Fiscal 2022	Fiscal 2023	Fiscal 2024
Scope1＋Scope2(tCO2)	6,045	5,126	2,059
Emission intensity (t-CO_2/working days)	25.08	21.63	8.62

Electricity Consumption

The amounts of electricity consumption at our main sites in Japan are shown below.

	Unit	Fiscal 2015 Reference year	Fiscal 2022	Fiscal 2023	Fiscal 2024
Total electricity	MWh	13,636	11,663	11,119	10,441
Renewable electricity	MWh	0	690	2,211	7,524
Renewable energy ratio	%	0.0	5.9	19.9	72.1

Total Amount of Greenhouse Gas (GHG) Emissions (Scope 3)

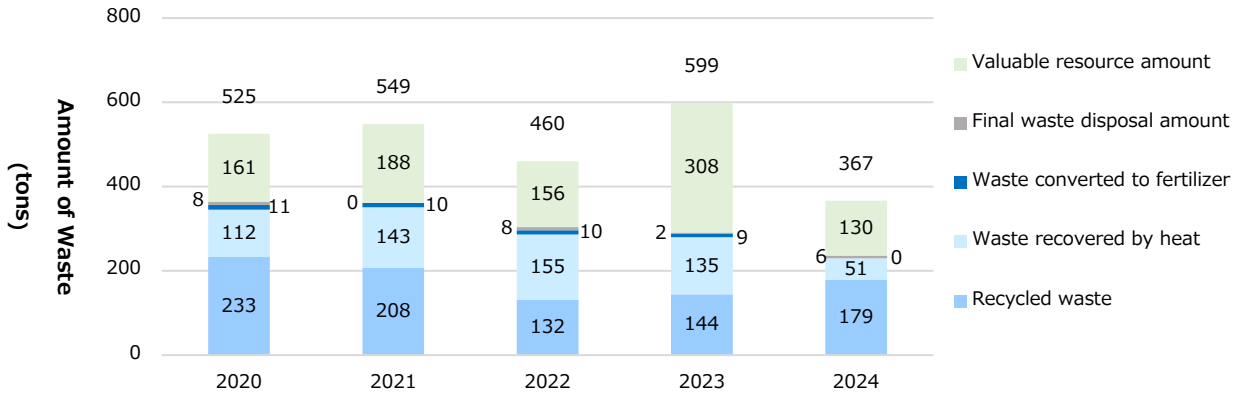
The amount of greenhouse gas emissions is converted to a CO_2 equivalent weight as shown below. Starting in fiscal year 2024, the calculation method for scanner products under Category 11 has been updated to utilize application data from the EcoLeaf Environmental Label.

Category	Category Name	Amount of Emission (t-CO_2)				Ratio of amount for each category to entire amount for Scope 3 in fiscal 2024 (%)
		Fiscal 2015 Reference year	Fiscal 2022	Fiscal 2023	Fiscal 2024	
Category 1	Purchased goods and services	97,559.0	56,565.3	42,201.9	39,047.1	52.4
Category 2	Capital goods	4,580.3	4,127.3	12,889.9	3,174.9	4.3
Category 3	Fuel- and energy-related activities not included in Scope 1 or Scope 2	5,331.4	4,335.5	4,210.2	4,271.2	5.7
Category 4	Upstream transportation and distribution	611.7	491.0	467.0	455.6	0.6
Category 5	Waste generated in operations	62.1	44.0	41.3	88.4	0.1
Category 6	Business travel	991.5	703.8	893.2	899.5	1.2
Category 7	Employee commuting	3,997.2	2,453.2	2,653.7	702.0	0.9
Category 8	Upstream leased assets	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Category 9	Downstream transportation and distribution	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Category 10	Processing of sold products	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Category 11	Use of sold products	9,992.0	7,075.0	6,480.0	25,899.8	34.7
Category 12	End-of-life treatment of sold products	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Category 13	Downstream leased assets	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Category 14	Franchises	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Category 15	Investments	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Total		123,125.2	75,795.0	69,837.1	74,538.6	100.0

Amount of Waste

The total amount of waste generated at our business sites is as follows. We promote effective utilization through heat recovery, recycling, and other means at all office and factory sites.

We set a goal for 5% or more reduction in the amount of waste, down to 527 tons or less from the 555 ton average of fiscal years 2012 to 2014. Our actual results from fiscal 2024 were 236 tons (-57%).

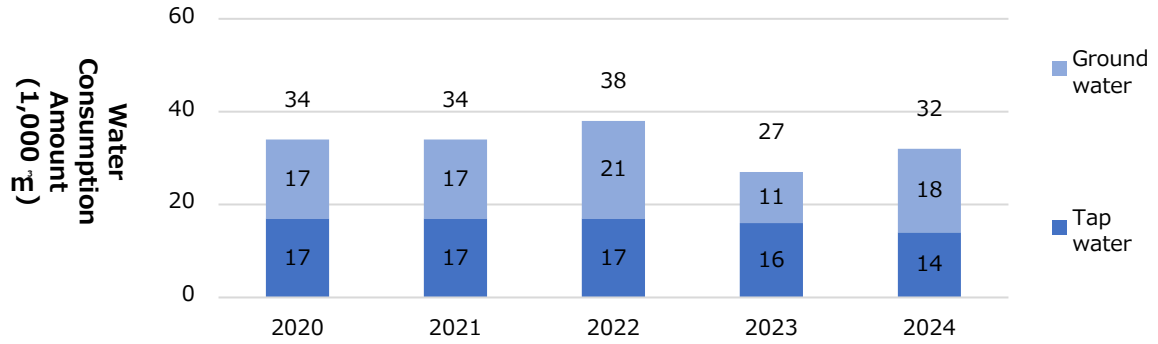


Emissions	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023	Fiscal 2024
Final waste disposal amount	8	0	8	2	6
Waste converted to fertilizer	11	10	10	9	0
Waste recovered by heat	112	143	155	135	51
Recycled waste	233	208	132	144	179
Waste generation amount	364	361	304	291	236
Valuable resource amount	161	188	156	308	130
Total emissions (waste generation + valuable resource)	525	549	460	599	367

Water Consumption/Water Drainage

The amount of water consumption and water drainage for our main sites in Japan is shown below.

■Water Consumption Amount

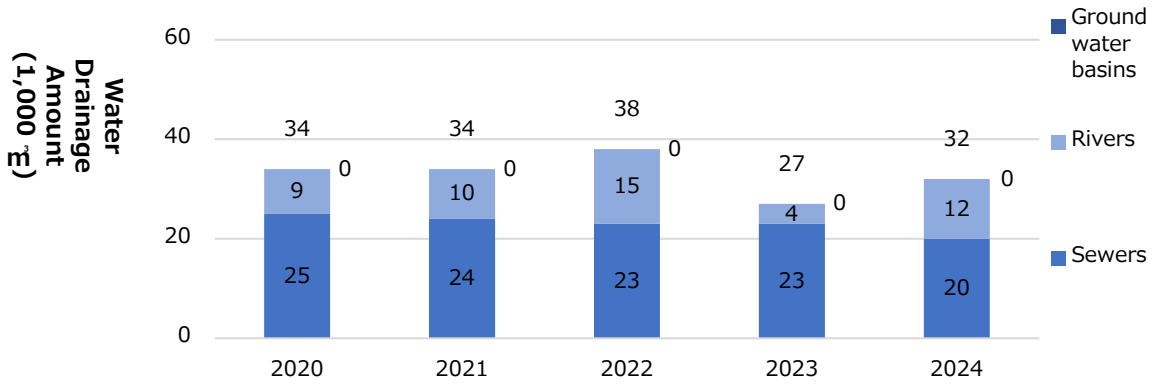


At each site, we use tap water for domestic use and to humidify the office in winter. At our Headquarters, we use ground water to water our plants in summer, and at our Headquarters and the ProDeS Center, we use ground water to melt snow. We use water for our every day needs at our company sites, not for industrial purposes.

For our total water consumption amount, we set a target to reduce it by 1% or more to an amount of 35,600 ㎥ or less compared to the reference year of 2018. In fiscal 2024, we achieved our target with a result of 32,000 m3 (a 10% reduction). Snowfall was heavier than in the previous fiscal year, resulting in increased use of groundwater (for snow melting).

Our water is used for everyday purposes. We do not have any water that can be reused or recycled.

■Water Drainage Amount



Tap water used for domestic uses drains into the sewer. Ground water used to melt snow drains into the rivers, and water used to water plants drains underground. We have been continuously monitoring and measuring water quality by using our own self management values in order to ensure the quality of water that drains from our main sites.

In fiscal 2024, the amount of groundwater used for snowmelt increased, resulting in an increase in the amount of water discharged into rivers.

Results in Handling of Chemical Substances

We tally the amount of chemical substances that are used for purposes such as designing, developing, evaluating, manufacturing, maintaining, or cleaning up the premises no matter how much there is.

■Chemical Substances Subject to PRTR Law

The amount of chemical substances subject to the PRTR law that were handled in fiscal 2024 is shown below. None of the chemical substances were in excess of the annual values which require the relevant prefectural authorities to be notified (*4).
We set a goal to limit the amount we handle to less than the average of fiscal years 2012 to 2014, which was 0.132 tons. Results for fiscal 2024 were 0.165 tons (up 25.0%) due to measures such as promoting the disposal of unnecessary solder (lead compounds).

Annual Handled Amount of Chemical Substances Subject to the PRTR Law (Class I Specified Chemical Substances)

(Tons)

Chemical Substance Name	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023	Fiscal 2024
n-Alkylbenzenesulfonic acid and its salts	0.044	0.031	0.031	0.036	0.034
2-aminoethanol	0.027	0.025	0.019	0.025	0.027
Poly(oxyethylene) alkyl ether	0.025	0.021	0.023	0.026	0.019
N,N-Bis(2-hydroxyethyl)alkanamide (*5)	-	-	-	0.017	0.017
Silver and its water-soluble compounds	0.031	0.022	0.019	0.012	0.013
Lead and itscompounds	0.000	0.000	0.000	0.000	0.012
Other	0.009	0.008	0.007	0.023	0.043
Total	0.136	0.107	0.098	0.140	0.165

*4: 1 ton or more per year for Class I Specified Chemical Substances, 0.5 tons or more per year for Special Class I Specified Chemical Substances.

*5: Added as a target chemical substance due to enforcement of PRTR Law revision in April 2023.

■VOC (Volatile Organic Compound)

Although there are no specific facilities that are subject to VOC emission control, we make an independent effort to maintain and manage the amount of VOCs handled.
We set a goal to limit the amount we handle to less than the average of fiscal years 2012 to 2014, which was 1.266 tons. Our actual results for fiscal 2024 increased due to the inclusion of ethanol used in cleaning and disinfection agents. However, the overall volume was reduced to 0.905 tons, achieving a 28.5% decrease and meeting the target.

Annual Amount of VOC Handled

(Tons)

Chemical Substance Name	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023	Fiscal 2024
Isopropyl alcohol	0.790	0.809	0.465	0.360	0.346
Butyl acetate	0.046	0.058	0.074	0.040	0.046
Ethanol	0.097	0.053	0.052	0.110	0.484
Other	0.017	0.018	0.023	0.014	0.028
Total	0.950	0.938	0.614	0.524	0.905

■Greenhouse Gases

The amount of greenhouse gases that were handled in fiscal 2024 is shown below. The annual amount handled in fiscal 2024 is converted to a CO_2 equivalent weight of approximately 8 tons.
Our reduction target for the amount (tons) of greenhouse gas emissions handled applies to reduction at all our sites.

Annual amount of greenhouse gases handled (Converted to CO2)

(Tons)

Chemical Substance Name	Fiscal 2020	Fiscal 2021	Fiscal 2022	Fiscal 2023	Fiscal 2024
1,1,1,2-tetrafluoroethane (HFC-134a)	11.517	7.061	6.155	4.119	7.669
1,1-Difluoroethane (HFC-152a)	0.054	0.059	0.233	0.107	0.000
CO_2	0.001	0.000	0.000	0.020	0.005
Total	11.572	7.120	6.388	4.246	7.674

Compliance with All Environmental Laws and Regulations.

In order to conserve the environment surrounding our sites and comply with laws and regulations, we will regularly measure water quality, noise output, and vibration output.

Water Quality Measurement Results

We make efforts to maintain the water quality of drainage from Headquarters, the ProDeS Center, and the PFU Techno Wise Takamatsu Warehouse. The results of the measurement did not exceed the legal regulations, and there was no problem with water quality.

	Regulated substances	Unit	Regulation value	Fiscal 2024 measured value	Evaluation
Headquarters (Bld. A & B)	Hydrogen ion concentration (pH)	-	Between 5 & 9	8.2	
	Biochemical oxygen demand (BOD)	mg/L	Less than 600	290	
	Suspended substances (SS)	mg/L	Less than 600	330	
	Mineral oil	mg/L	5 or less	Less than 0.5	✓
	Animal and plant oils	mg/L	30 or less	11	
	Ammonium-nitrogen, nitrite-nitrogen and nitrate-nitrogen content	mg/L	Less than 380	15	
Headquarters (Bld. E)	Hydrogen ion concentration (pH)	-	Between 5 & 9	7.9	
	Biochemical oxygen demand (BOD)	mg/L	Less than 600	1.3	
	Suspended substances (SS)	mg/L	Less than 600	2	
	Mineral oil	mg/L	5 or less	Less than 0.5	✓
	Animal and plant oils	mg/L	30 or less	Less than 0.5	
	Ammonium-nitrogen, nitrite-nitrogen and nitrate-nitrogen content	mg/L	Less than 380	15	
Headquarters (Anechoic Chamber)	Hydrogen ion concentration (pH)	-	Between 5 & 9	8.0	
	Biochemical oxygen demand (BOD)	mg/L	Less than 600	2.5	
	Suspended substances (SS)	mg/L	Less than 600	1	
	Mineral oil	mg/L	5 or less	Less than 0.5	
	Animal and plant oils	mg/L	30 or less	Less than 0.5	✓
	Ammonium-nitrogen, nitrite-nitrogen and nitrate-nitrogen content	mg/L	Less than 380	1	
ProDeS Center	Hydrogen ion concentration (pH)	-	Between 5 & 9	8.6	
	Biochemical oxygen demand (BOD)	mg/L	Less than 600	82	
	Suspended substances (SS)	mg/L	Less than 600	72	
	Mineral oil	mg/L	5 or less	Less than 0.5	✓
	Animal and plant oils	mg/L	30 or less	8.8	
	Ammonium-nitrogen, nitrite-nitrogen and nitrate-nitrogen content	mg/L	Less than 380	10	
PFU Techno Wise Takamatsu Warehouse (Bld. 2 & 3)	Hydrogen ion concentration (pH)	-	Between 5 & 9	7.5	
	Biochemical oxygen demand (BOD)	mg/L	Less than 600	2	
	Suspended substances (SS)	mg/L	Less than 600	3	
	Mineral oil	mg/L	5 or less	Less than 1	
	Animal and plant oils	mg/L	30 or less	Less than 1	
	Ammonium-nitrogen, nitrite-nitrogen and nitrate-nitrogen content	mg/L	Less than 380	0.6	✓

■Noise/Vibration Measurement

At our headquarters, we regularly measure the noise and vibration generated by our business activities (once every five years).
We performed measurements on June 10, 2020, and confirmed that all values did not exceed the legal regulations (next measurement planned for fiscal 2025).

Noise Measurement Results

	Noise	Unit	Regulation value	Fiscal 2020 measured value				Evaluation
				Bld. E north side	Bld. A southwest side	Anechoic chamber north side	South side parking lot	
Headquarters	Daytime	dB	65 or less	34	47	46	-	✓
	Morning	dB	60 or less	34	47	46	-	
	Evening	dB	60 or less	34	47	46	-	
	Nighttime	dB	50 or less	34	47	46	-	
	Daytime	dB	60 or less (*6)	-	-	-	40	
	Morning	dB	55 or less (*6)	-	-	-	40	
	Evening	dB	55 or less (*6)	-	-	-	40	
	Nighttime	dB	45 or less (*6)	-	-	-	40	

*6: Because the parking lot is in an area within 50m of the borders of school grounds, the legal regulations are five decibels lower.

Vibration Measurement Results

	Vibration	Unit	Regulation value	Fiscal 2020 measured value				Evaluation
				Bld. E north side	Bld. A southwest side	Anechoic chamber north side	South side parking lot	
Headquarters	Daytime	dB	65 or less	27	30	31	-	✓
	Nighttime	dB	50 or less	27	30	31	-	
	Daytime	dB	60 or less (*7)	-	-	-	29	
	Nighttime	dB	45 or less (*7)	-	-	-	29	

*7: Because the parking lot is in an area within 50m of the borders of school grounds, the legal regulations are five decibels lower.

Major Awards History, Certifications, etc.

1992	Award for the Promotion of Energy-Saving (Governor of Ishikawa Prefecture)
1994	Excellent Energy Management Plant Award (Chairman of the Central Bureau of Trade and Industry)
1999	Excellent Energy Management Plant Award (Secretary of the Natural Resources & Energy Agency)
2002	Ishikawa Green Enterprise Award (Governor of Ishikawa Prefecture)
2010	Ranked 31st in manufacturing in the 14th "Environmental Management Investigation (Nikkei)" "Line of the Year" Award for scanners (BLI, an independent evaluator of office devices in USA), information security rating "A is" certification
2011	Ishikawa Prefecture Creativity and Originality Award in the Occupational Field of the Company (Yonejiro Tsuda Award) for the Promotion of Energy-Saving and the Installation of the High Efficiency Reflective Panel
2013	Excellent Energy Management Company Award (ProDeS Center) (Chairman of the Japan Electric Association, Hokuriku Branch)
2014	kakaku.com PRODUCT AWARD 2013 silver prize in scanner division for ScanSnap SV600 "Ishikawa Satoyama ISO" certification (Ishikawa)
2015	Interop Tokyo 2015 "Best of Show Award" grand prize for cyber attack countermeasure/internal countermeasure appliance "iNetSec Intra Wall" "Hama road supporter" certification (Yokohama)
2016	Eco Mark Award 2015 Prize (image scanner)
2017	Excellent Energy Management Company Award (Headquarters) (Chairman of the Japan Electric Association, Hokuriku Branch)
2018	Certified Health & Productivity Management Outstanding Organizations Recognition Program, White 500 (PFU Group)
2019	Eruboshi (a certification based on the Act on the Promotion of Female Participation and Career Advancement in the Workplace), highest level certification (PFU) GOOD DESIGN AWARD 2019 for fi-800R Certified Health & Productivity Management Outstanding Organizations Recognition Program, White 500 (PFU Group) The China Environmental Label Excellence Enterprise Award (Fujitsu South China Limited)
2020	Certified Health & Productivity Management Outstanding Organizations Recognition Program 2020 (Large Enterprise Category) (PFU Group) Ishikawa Ecodesign Award (silver prize) (BIP Smart) KAIKA Prize from KAIKA Awards (Rising-V Activities)
2021	Certified Health & Productivity Management Outstanding Organizations Recognition Program 2021 (Large Enterprise Category) (PFU Group) GOOD DESIGN AWARD 2021 for ScanSnap iX1300 U.S. EPA 2021 SmartWay® Excellence Award for environmentally conscious activities (Fujitsu Computer Products of America, Inc., a subsidiary of the PFU group in the United States)

2022 Certified Health & Productivity Management Outstanding Organizations Recognition Program 2022 (Large Enterprise Category) (PFU Group)
Received the Excellent Company Award for Cancer Control Promotion

2024 Recognized as an "Ishikawa Health Management Declaration Company" for fifth consecutive year.
Received the Ishikawa Eco-Design Award Gold Prize (Raptor VISION, a waste sorting specialized AI engine)

2025 BCN scanner division, #1 share for 15 consecutive years
Received the Grand Prize in the Basic Category of the 2025 J-Win Diversity Award
Awarded first place in the "NEDO Challenge, Li-ion Battery 2025"

BCN scanner division
#1 share for 15 consecutive years (2025)

Never changing passion, ever changing future

PFU Environmental Report 2025

Published September 2025 (1st Edition)
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