

Results from Activities in Fiscal 2025

In fiscal 2025, we worked on 16 environmental targets and achieved 15 of them.

✓: Target achieved -: Target not achieved

Material Issues	Environmental Targets			Targets for Fiscal 2025	Results for Fiscal 2025	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)		 360,000 units or more	342,369 units	-
		Reduction rate of Scope 1 and 2 GHG emissions		2,076 tons of CO ₂ or less (76.0% reduction)	1,940 tons of CO ₂ (77.9% reduction)	✓
	Zero-Carbon Society	Improvement of quality and enhancement of business efficiency		At least one suggestion per department (22 departments)	At least one suggestion per department (Achieved in all 22 departments)	✓
		Reduction rate of Scope 3 GHG emissions	Product compliance with the International ENERGY STAR Program	Product compliance with EPEAT: 100% (2 products)	100% (3 models)	✓
		Acquisition of EPEAT	Scanner products	Product compliance with EPEAT: 100% (2 products)	100% (2 models)	✓
			Interactive KIOSKS	10.460 or less	10.350	✓
			Network appliance products	0.611 or less	0.593	✓
		Improvement in the amount of environmental contribution to our customers' places of business by providing our customers with our products	Security products	0.252 or less	0.252	✓
			Interactive KIOSKS	762 tons of CO ₂ or more	811 tons of CO ₂	✓
			Network appliance products	294.1 tons or CO ₂ or more	322.1 tons of CO ₂	✓
			Security products	633 tons or CO ₂ or more	633.5 tons of CO ₂	✓

			Improvement in the amount of environmental contribution to our customers' places of business by providing our customers with environmentally conscious solutions	Documents	677.6 tons of CO ₂ or more	1,034.9 tons of CO ₂	✓
				Solutions	4,126 tons of CO ₂ or more	5,678 tons of CO ₂	✓
			Promotion of environmentally conscious solutions and services		At least one suggestion per department (4 departments)	At least one suggestion per department (Achieved in 4 out of 4 departments)	✓
	Circular Economy	Percentage of new resources used in products 	Percentage of new resources used	Scanner products	93.9% or less	92.3%	✓
			Reduction in percentage of packaging materials made using virgin plastics made from fossil fuels (compared to fiscal 2020)	Scanner/keyboard products	14.5% or more	39.4%	✓

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 2025	Results for Fiscal 2025
	360,000 units or more	342,369units

Reduction of GHG emissions

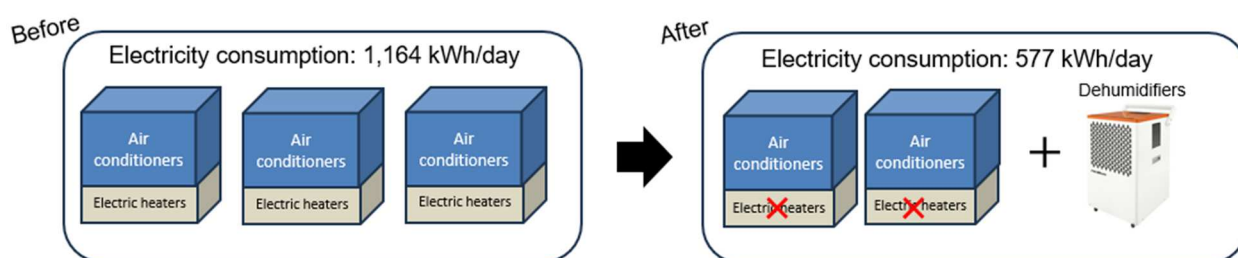
We are working toward a zero-carbon society by engaging in energy-saving activities to reduce energy consumption (*2). In fiscal 2025, we worked to review the dehumidification functions of air conditioners and upgrade air conditioning equipment.

- *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 (CO ₂ conversion value: t-CO ₂)	Target for Fiscal 2025	Results for Fiscal 2025
	2,076 tons of CO ₂ or less	1,940 tons of CO ₂

■ Energy Conservation through Review of Air Conditioner Dehumidification Control

In the computer room at headquarters, the dehumidification control of the air conditioners involved reheating with electric heaters after overcooling, and these electric heaters placed a significant load on energy consumption. We stopped using these electric heaters and newly installed dehumidifiers, separating the treatment of sensible heat and latent heat: the existing air conditioners handle sensible heat, while the dehumidifiers handle latent heat. By reducing the sensible heat generated by the electric heaters, we were able to reduce air conditioner operation from three units to two. This resulted in a reduction in electricity consumption of 587 kWh per day, producing an energy-saving effect of approximately 90,000 kWh in fiscal 2025.

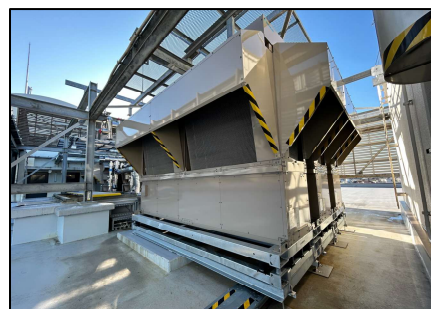


Business site	Headquarters
When improvements were made	Jun 2025
Amount of Reduction in CO ₂ Emissions	44.6 tons of CO ₂

■ Energy Conservation through Upgrading Air Conditioning Chiller Refrigeration Units

Following the upgrade of Building B in fiscal 2024, in fiscal 2025 we upgraded the aging air conditioning chiller refrigeration units in Building A in January 2026. By using R32 refrigerant, which offers excellent thermal characteristics, we achieved high operating efficiency. In fiscal 2025, this produced an energy-saving effect of approximately 27,000 kWh. On an annual basis, we expect an energy-saving effect of approximately 92,000 kWh.

Business site	Headquarters
When improvements were made	January 2026
Amount of Reduction in CO ₂ Emissions	13.8 tons of CO ₂



Chiller Units in Building A at Headquarters

■ Reduction of Electricity Consumption through the Relocation of PFU Quality Service Limited's Headquarters

PFU Quality Service relocated its headquarters to Zama City in October 2025. At the new location, LED indoor lighting and more efficient air conditioning equipment than before the relocation have been adopted, contributing to a reduction in electricity consumption.

Business site	PFU Quality Service Headquarters
When improvements were made	October 2025
Amount of Reduction in CO ₂ Emissions	37.7 tons of CO ₂



Relocation of PFU Quality Service Headquarters (Zama City)

■ 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 CO₂ emissions.

Renewable energy consumption in Fiscal 2025	
Headquarters, ProDeS Center	6,531 MWh (Uses 100% renewable energy supplied by Ricoh Japan Corporation)
Yokohama Headquarters	754 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 2025, we promoted quality improvement and operational efficiency of our core business at all departments.

Examples of Improvements in Fiscal 2025

■ Reduction of Man-Hours through Development of a Shipping Inspection System for High-Mix, Low-Volume Mixed Production

At worksites handling high-mix, low-volume mixed production, visual inspections require workers to check up to 60 points based on inspection procedures. This placed a heavy burden on workers in order to prevent missed detections. To address this issue, we worked to automate visual inspections.

In considering automation, we examined the introduction of inspection equipment from other companies. However, in order to support a wide variety of products, such equipment would require mechanisms capable of handling all kinds of shapes, resulting in high equipment costs. In addition, dedicated adjustments for each shape and program updates for each product would be required, creating the risk of reduced operational efficiency.

We therefore developed our own inspection equipment, resolving these issues and improving the efficiency of visual inspection operations.



Appearance of the Developed Shipping Inspection System

Significant Reduction in Program Update and Adjustment Time through Our Proprietary Point Streaming Method

We adopted our proprietary “point streaming method,” in which required operations are converted into macro commands and streamed to the equipment to perform inspections. This enabled us to minimize programs and shorten the time required for program updates and adjustments according to product variations.

In addition, by displaying these macro commands as text on the equipment panel, we created a mechanism that allows workers to transcribe them directly, eliminating the need for specialized knowledge when updating programs.

As a result, we reduced the man-hours required for inspection operations by 600 hours per year and achieved zero outflow of defective products.

Simplification of Inspection Equipment through a Coordinate Space Recognition Algorithm Focused on Box Shapes

We developed an algorithm that uses combinations of box shapes to recognize the product being inspected as a single box.

By eliminating the need to recognize each complex shape individually, we removed the need for mechanisms involving complex movements and simplified the inspection equipment. This enabled us to significantly reduce equipment investment costs.

Eco-efficient Products, Solutions, and Services

PFU develops environmentally conscious products that address areas such as “energy-saving”, “3R design (*3)”, and “contained chemical substances”, aiming to reduce environmental impact throughout the entire product life cycle.

In fiscal year 2025, 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 2025, 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 2025

Reduction of Scope 3 GHG emissions	Product compliance with the International ENERGY STAR Program Acquisition of EPEAT	Scanner products	• 3 newly-developed products complied with the International ENERGY STAR Program. • We also obtained EPEAT (Electronic Product Environmental Assessment Tool) registration for 2 new products scheduled for launch in North America. EPEAT is an environmental assessment system for electronic products used in green procurement programs, mainly by U.S. government-related organizations.
	Improvement in environmental performance index score	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.
	Improvement in the amount of environmental contribution to our customers' places of business by providing our customers with our products	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>



Main Environmentally Friendly Solutions and Services

Reducing our customers' environmental impact by expanding our environmentally conscious solutions and services	Activity	Product
	- Development of environmentally conscious solutions - Promotion of commercialization themes that help reduce customers' operational burden and environmental impact	- fi Series software and DynaEye - ScanSnap bundled software - Raptor

■ Enhanced AI-OCR “DynaEye 11” Supports DX in the Distribution Industry Handling Slips and Faxes

In the distribution industry, efficient business management is increasingly required. For slips printed by dot printers, documents received by fax, and documents containing complex line-item details, conventional OCR technologies often have low recognition accuracy, making manual correction necessary in many cases. As a result, improvements in operational efficiency have remained limited.

As a step toward solving this issue, we improved the accuracy of AI-OCR functions and enhanced the efficiency of on-site operations.

Advanced AI-OCR Supports Low-Quality Printed Text

The enhanced AI-OCR can now recognize low-quality printed text, such as faded or light printing, with high accuracy.

Forms that were previously difficult to read, including slips printed by dot printers and fax order forms containing ruled lines touching characters or special fonts, can now be accurately converted into data.

This improves the efficiency of data entry operations by approximately 70% (*4) for industries that use slips and fax order forms, achieving both faster operations and improved accuracy.

New “Generative AI Integration” Function Reads Complex Line-Item Details with High Accuracy

The new function reads complex line-item details included in invoices, order forms, and other documents with high accuracy.

Even in cases where item names span multiple lines or where multiple pieces of information are mixed within a single line, the function outputs the information in an organized format as line-item details.

Dot printer

Faded printing

T1234567890123

Touching with ruled lines

コピー用紙

Smooth Integration with Downstream Systems! Automated Conversion of Output Data

We newly added an “Output Data Conversion” function that enables customization of output files.

Recognition results can be automatically converted into output formats optimized for downstream systems, such as replacing them with designated values. This enables smoother integration from data entry to business systems and further improves workflow efficiency.

(*4) Verification results measured by our company using sample slips to compare data entry work time between manual entry and the use of DynaEye.

Reduction of Virgin Resources

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.

For the ScanSnap iX2500/iX2400, we promoted the use of recycled plastics, using them for 25% by weight of the total resin weight of the main unit, thereby contributing to a reduction in the use of virgin resources.

Across all scanner products, the virgin material usage ratio was 92.3% in fiscal 2025, achieving the target.

■ Recycled plastic percentage



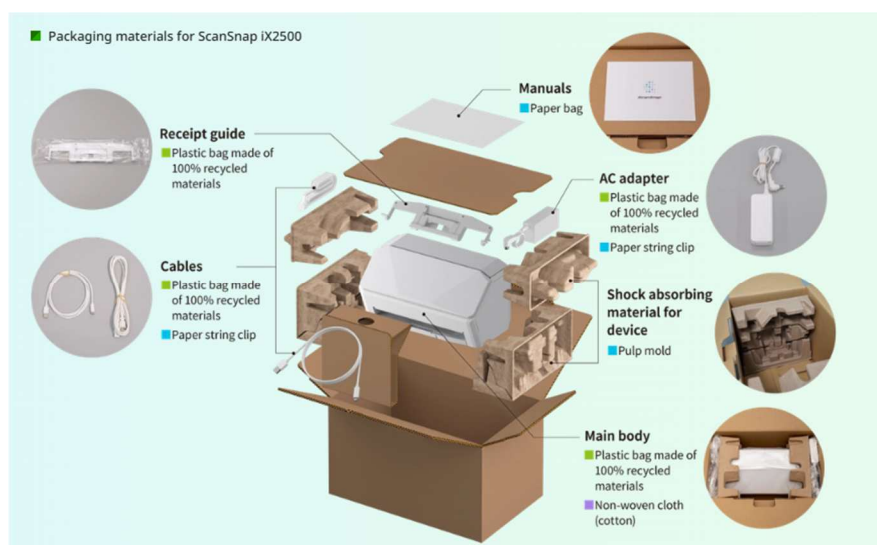
Main Achievements of Fiscal 2025

Virgin material usage ratio	Target for Fiscal 2025	Results for Fiscal 2025
	93.9% or less	92.3%

■ 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.

Furthermore, for the ScanSnap iX2500/iX2400, packaging materials for main body and cables have been changed to the recycled plastic of pre-consumer materials, and pulp mold is used as a shock absorbing material, thus achieving non-use of fossil resource-derived virgin plastic (*5).



(*5) Coatings and adhesive portions (labels/tapes/protective films) are excluded. Materials for packaging may change depending on the procurement condition of parts. Applicable product: ScanSnap iX2500/iX2400.

By replacing polystyrene foam with cardboard in selected models, we have achieved a 39.4% reduction in the use of fossil-based virgin plastic packaging materials compared to Fiscal 2020.

Main Achievements of Fiscal 2025

Improving the Reduction Rate of Fossil-Based Virgin Plastic Packaging (compared to fiscal 2020)	Target for Fiscal 2025	Results for Fiscal 2025
	14.5% or more reduction	39.4% reduction