

# Green Innovation Report

## Ricoh Company, Ltd. - 2024

**ISIN:** JP3973400009, **Ticker:** 7752, **Country:** JP, **Sector:** Technology Hardware, Storage & Peripherals

This report evaluates the green innovation activities of the company over the past decade, based on inventions published in green technology areas defined by the [IPC Green Inventory](#). This inventory, established by the World Intellectual Property Organization, identifies technologies aligned with the United Nations' definition of Environmentally Sound Technologies. These innovations contribute to mitigating humanity's impact on climate change in support of the Sustainable Development Goals.

## Innovation Metrics

### Invention Count (last 12 months)

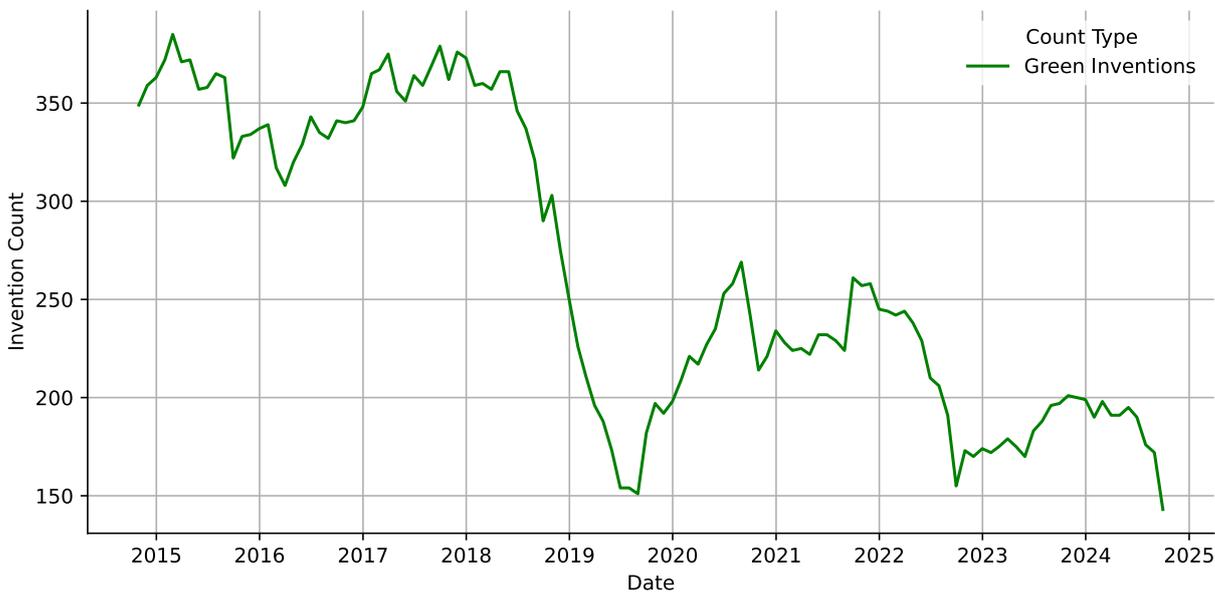
1389 Inventions

### Green Invention Count (last 12 months)

143 Green Inventions

Each invention reflects a substantial investment of R&D and legal resources. Consequently, green inventions provide a reliable and high-integrity metric for measuring a company's innovation efforts in green technologies and sustainability.

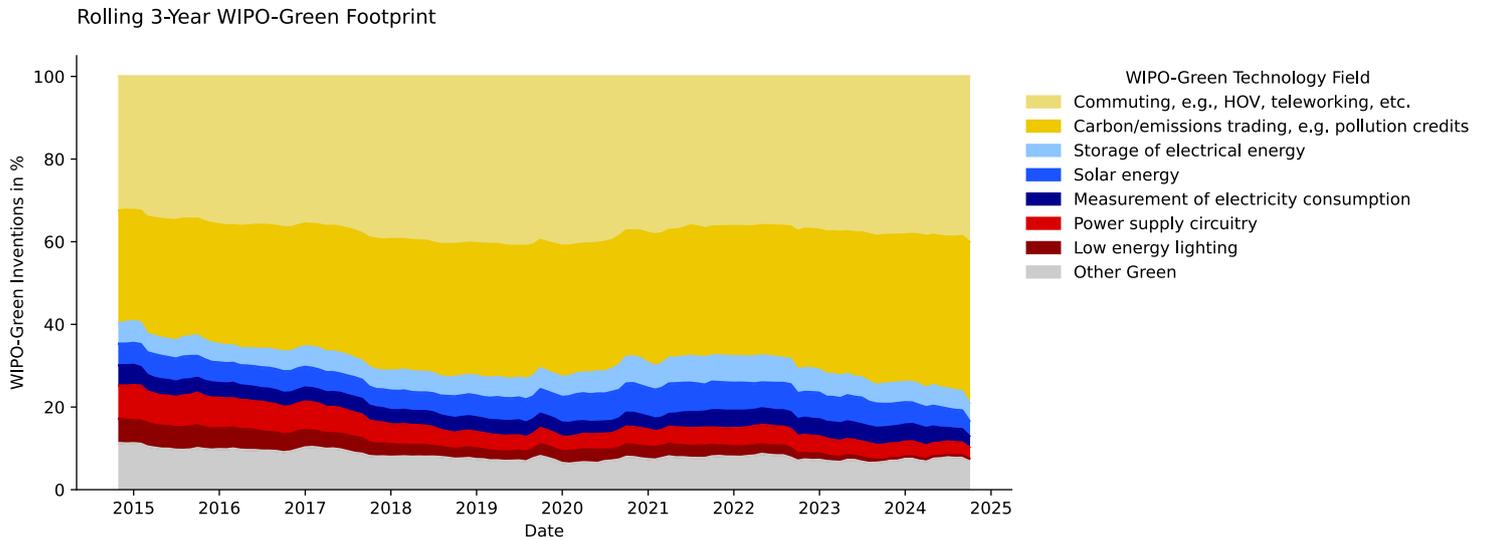
Rolling 1-Year Invention Count



The graph above illustrates the number of green inventions published by the company over the past decade. Data is presented monthly, with each point representing the total green invention count for the preceding 12 months.

## Green Technology Footprint

The graph below showcases the temporal distribution of the company's green innovation activity across technology fields listed in the IPC Green Inventory. This distribution highlights the green technology footprint and its evolution as part of the company's innovation strategy.



The table below provides a quantitative analysis of the growth and significance of the company's key green technology fields. For each field, the most frequently appearing keywords in recent inventions offer valuable insights into the company's green innovation activities.

WIPO-Green Technology Field	Absolute Growth (3y)	Percentage of Green Inventions (3y)	Keywords (3y)
Commuting, e.g., HOV, teleworking, etc.	356	40.0%	information processing, resource management, data management, document management, carrier mean
Carbon/emissions trading, e.g. pollution credits	347	39.0%	information processing, resource reservation
Storage of electrical energy	38	4.3%	electrode manufacturing, liquid composition, electrochemical element, liquid application, power storage
Solar energy	33	3.7%	photoelectric conversion, photoelectric conversion element, photoelectric conversion module, power supply module, image forming
Measurement of electricity consumption	24	2.7%	image forming, magnetic field, biomagnetism measurement, safe state detection, diagnosis support
Power supply circuitry	24	2.7%	power storage, power supply, supply voltage determination, power supply voltage, power supply control
Low energy lighting	3	0.3%	nitride semiconductor structure, light source

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