

Green Innovation Report

Panasonic Holdings Corporation - 2024

ISIN: JP3866800000, **Ticker:** 6752, **Country:** JP, **Sector:** Consumer Electronics

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)

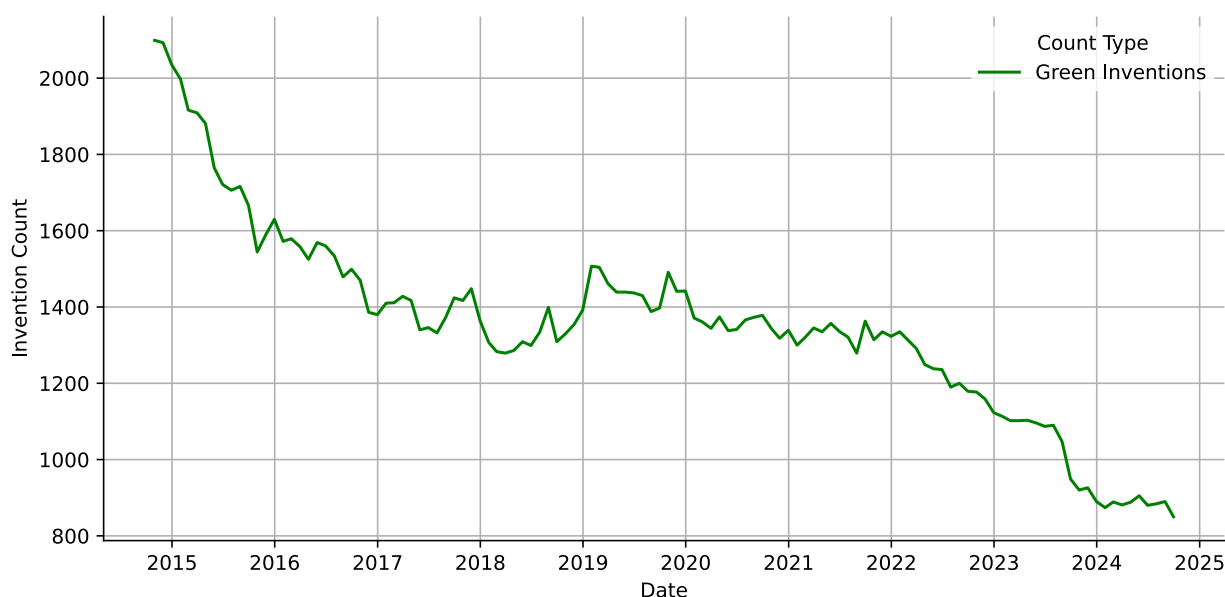
4547 Inventions

Green Invention Count (last 12 months)

850 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.

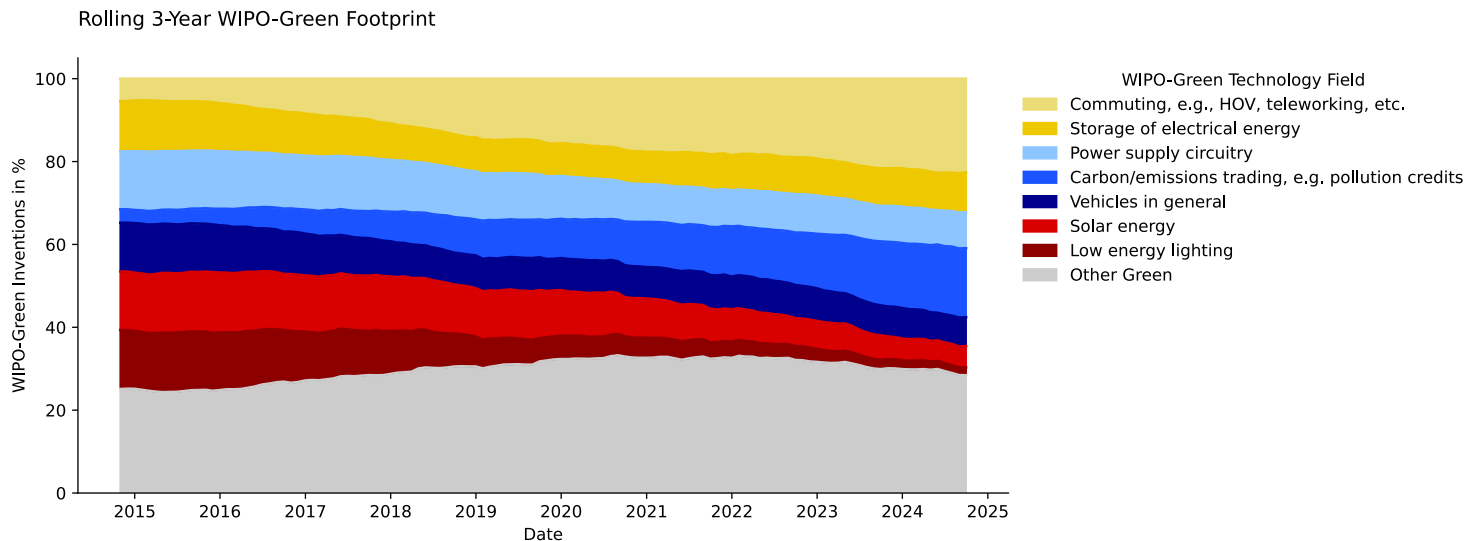
Rolling 1-Year Invention Count



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.	1,046	22.6%	information processing, vehicle control, information provision, information presentation, information output
Carbon/emissions trading, e.g. pollution credits	772	16.7%	visit location proposal, delivery management, storage medium, information provision, communication terminal
Storage of electrical energy	445	9.6%	power storage, power storage module, electrolyte secondary battery, electric power storage, power supply
Power supply circuitry	403	8.7%	power supply, backup power supply, wireless power transmission, power conversion, mobile body
Vehicles in general	322	7.0%	power supply, identification information, power storage, power conversion, information processing
Solar energy	239	5.2%	solar cell, secondary battery, photoelectric conversion element, heat medium circulation, solar cell module
Low energy lighting	87	1.9%	optical component, photocurable resin composition, light source module, ultraviolet curable resin, reduced pressure

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