

# Green Innovation Report

## NEC Corporation - 2024

**ISIN:** JP3733000008, **Ticker:** 6701, **Country:** JP, **Sector:** IT Consulting & Other Services

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)

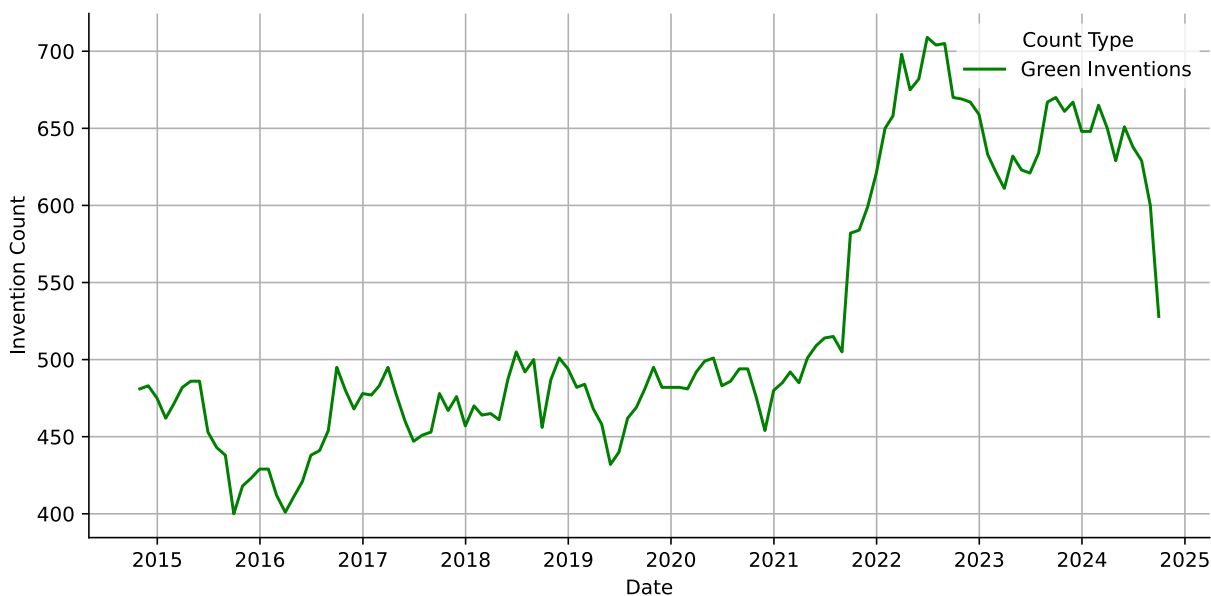
2267 Inventions

### Green Invention Count (last 12 months)

528 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.

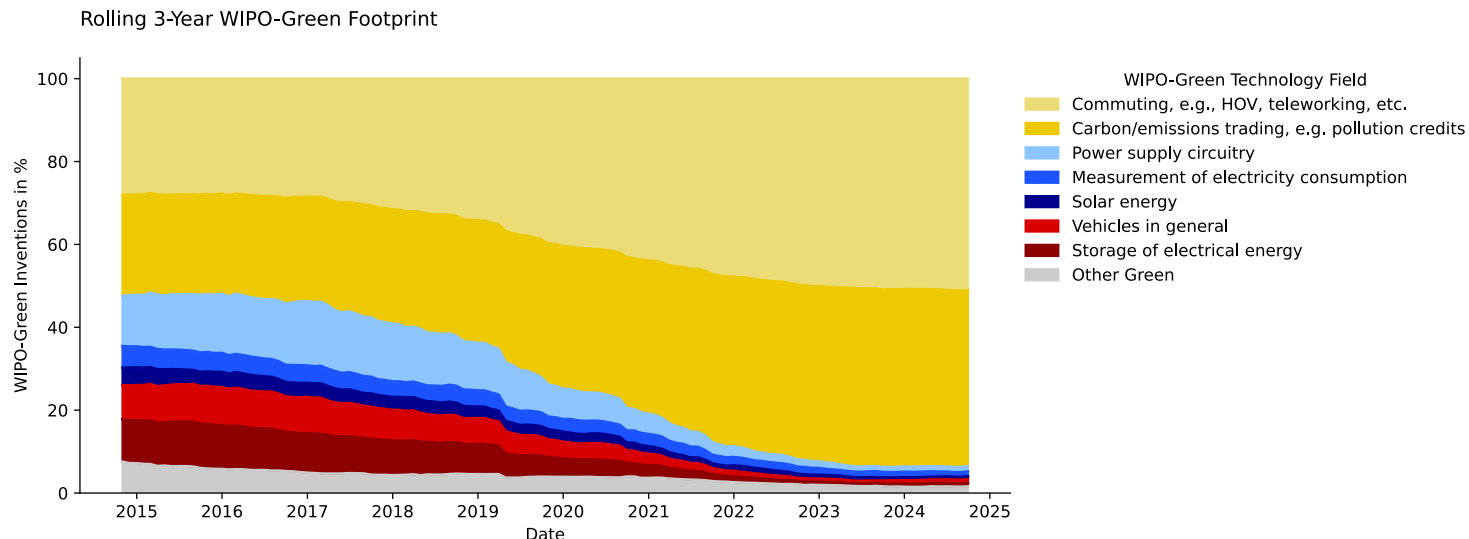
Rolling 1-Year Invention Count



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.	1,748	51.2%	information processing, computer readable medium, transitory computer readable, storage medium, information provision
Carbon/emissions trading, e.g. pollution credits	1,447	42.3%	information processing, computer readable medium, transitory computer readable, payment assistance, sale support
Power supply circuitry	44	1.3%	power supply, data control, power supply controller, control program, power supply circuit
Measurement of electricity consumption	39	1.1%	signal measurement, information processing, connector inspection, battery state estimation, test assistance
Vehicles in general	32	0.9%	charge control, transitory computer readable, power management, computer readable medium, storage medium
Storage of electrical energy	27	0.8%	residual quantity control, power consumption reduction, consumption reduction circuit, battery residual quantity, battery control
Solar energy	25	0.7%	optical module, bolometer material, thermophotovoltaic generator, structure manufacturing, solar panel

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