

# Green Innovation Report

## Sumitomo Heavy Industries, Ltd. - 2024

**ISIN:** JP3405400007, **Ticker:** 6302, **Country:** JP, **Sector:** Industrial Machinery & Supplies & Components

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)

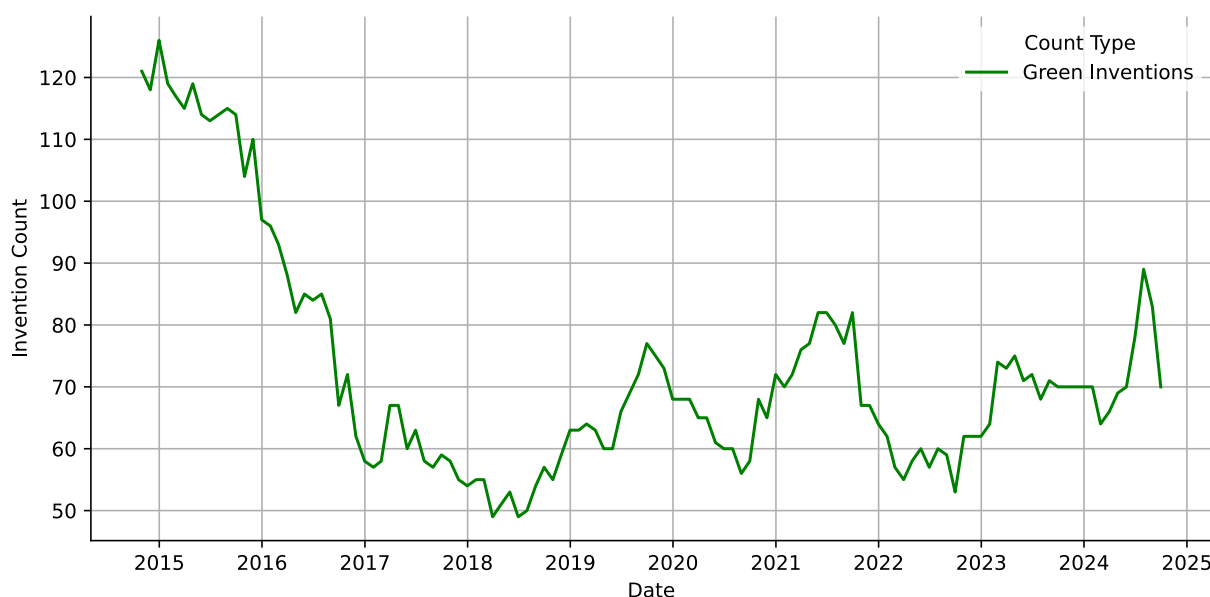
547 Inventions

### Green Invention Count (last 12 months)

70 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.

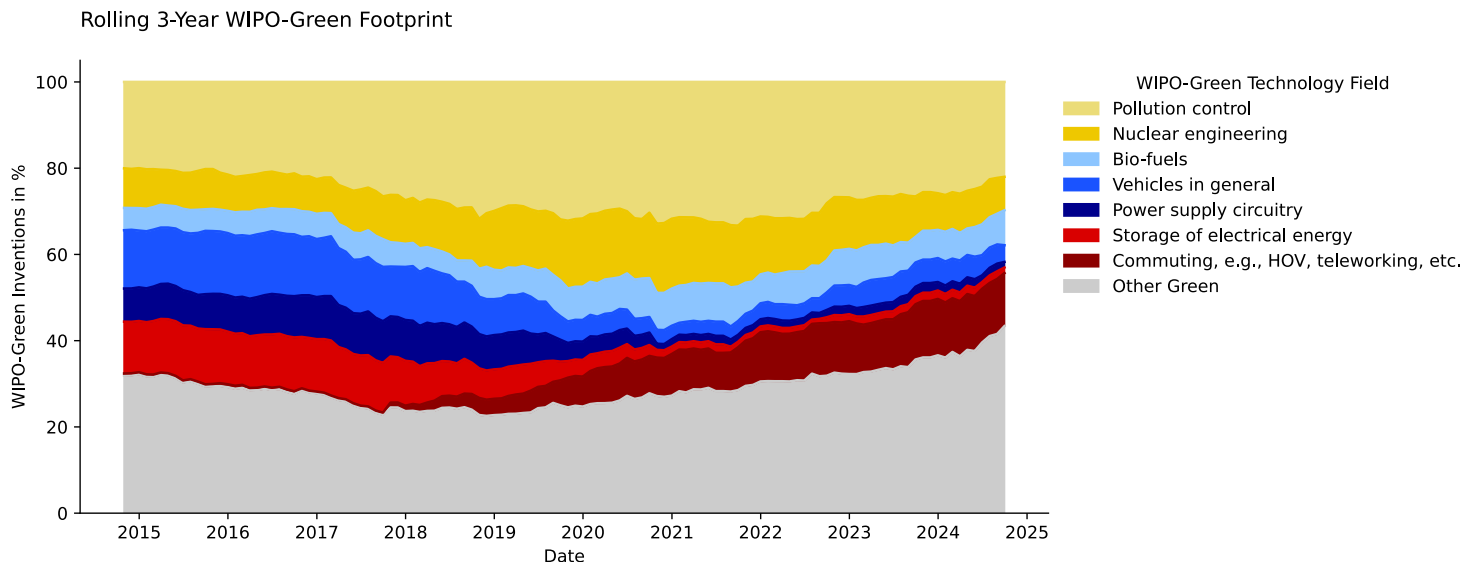
Rolling 1-Year Invention Count



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)
Pollution control	68	22.0%	wastewater treatment, water treatment, methane fermentation treatment, carbonate production, water treatment tank
Commuting, e.g., HOV, teleworking, etc.	38	12.3%	information processing, construction machinery, work machine, emission right, work vehicle
Bio-fuels	25	8.1%	tropsch synthesis reaction, hydrocarbon synthesis, hydrocarbon production, heat exchanger type, fischer tropsch synthesis
Nuclear engineering	24	7.8%	ion implantation, source position, source gas piping, particle beam therapy, particle beam irradiation
Vehicles in general	12	3.9%	magnetic modulation gear, gear motor, magnetic modulator, variable transmission ratio, selective actuator engagement
Power supply circuitry	4	1.3%	power conditioning, power supply, power conditioning program

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