

Green Innovation Report

Sekisui Chemical Co., Ltd. - 2024

ISIN: JP3419400001, **Ticker:** 4204, **Country:** JP, **Sector:** Homebuilding

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)

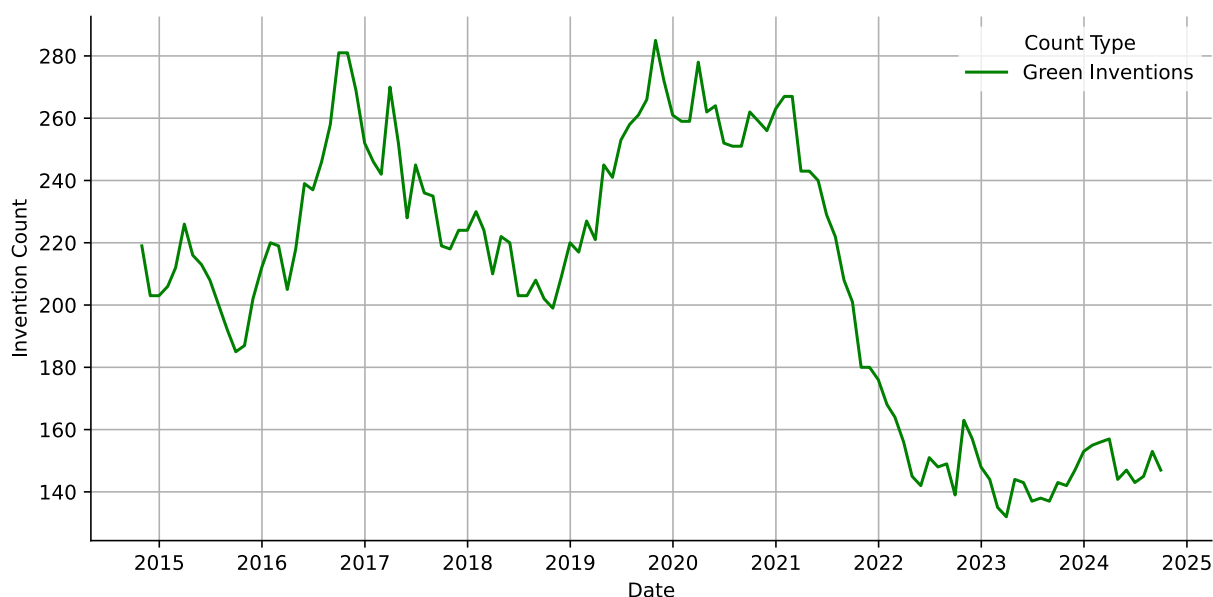
574 Inventions

Green Invention Count (last 12 months)

147 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.

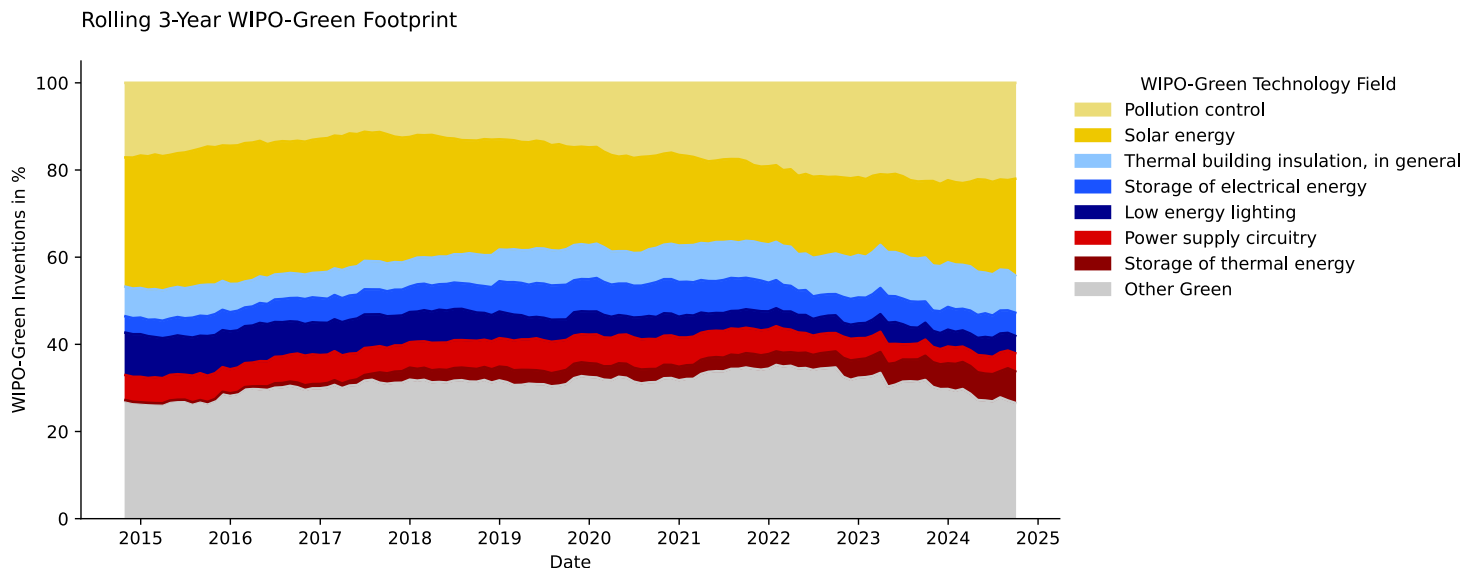
Rolling 1-Year Invention Count



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)
Solar energy	117	22.2%	rain gutter, piping structure, installation structure, photovoltaic sheet, photovoltaic power generation
Pollution control	116	22.0%	gas production, collective joint, wastewater treatment, piping structure, vertical pipe
Thermal building insulation, in general	45	8.5%	partition structure, flat deck, ventilation structure, building unit, solar power generation
Storage of thermal energy	38	7.2%	conductive sheet, resin composition, conductive composition, conductive member, heat dissipation member
Storage of electrical energy	28	5.3%	power storage, carbon material, hybrid capacitor, electricity storage, storage element unit
Power supply circuitry	22	4.2%	storage battery management, power management, sufficiency rate calculation, storage battery control, power supply
Low energy lighting	21	4.0%	curable resin composition, organic el display, el display element, curable composition, flexible image display

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