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Green Innovation Report

Porsche Automobil Holding SE - 2024

ISIN: DE000PAH0038, **Ticker:** PAH3, **Country:** DE, **Sector:** Automobile Manufacturers

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

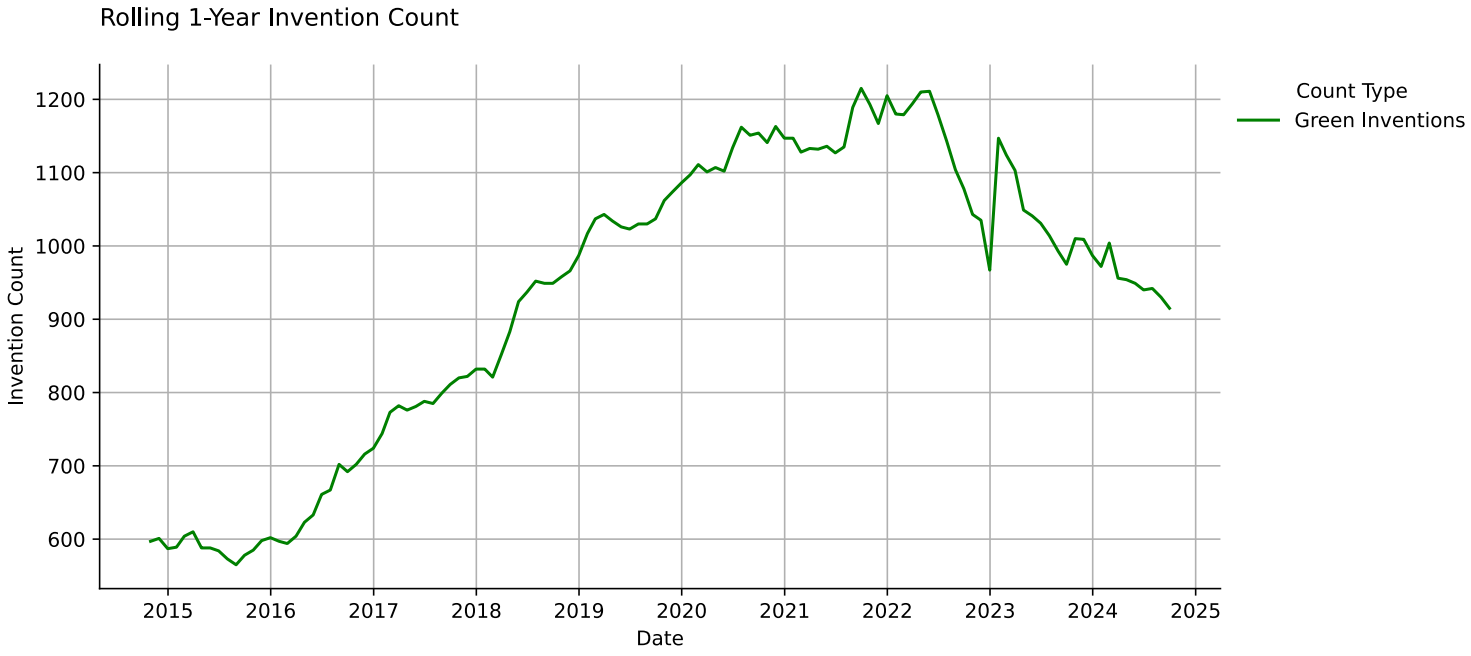
Invention Count (last 12 months)

3257 Inventions

Green Invention Count (last 12 months)

915 Green Inventions

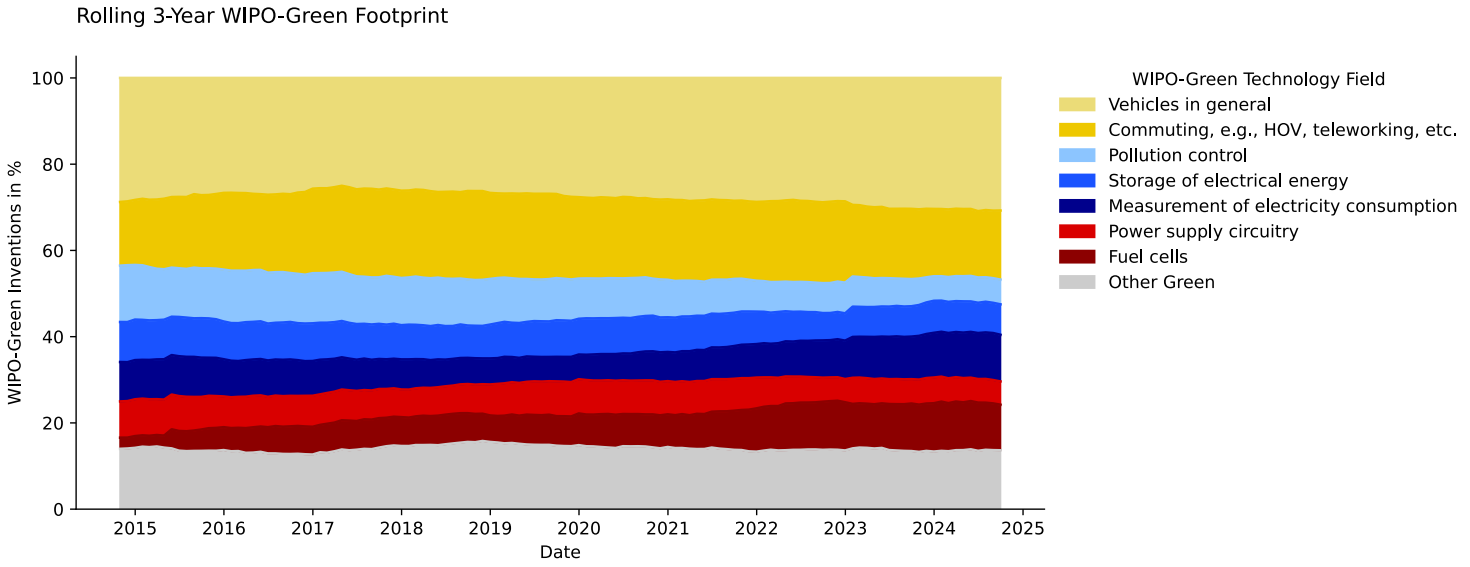
Each invention reflects a substantial investment of R&D and legal resources. Consequently, green inventions provide a reliable and high-integrity metric for measuring a company’s innovation efforts in green technologies and sustainability.



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)
Vehicles in general	1,437	30.7%	motor vehicle, electric vehicle, traction battery, internal combustion engine, battery module
Commuting, e.g., HOV, teleworking, etc.	749	16.0%	motor vehicle, computer program product, driver assistance, computer program, storage medium
Measurement of electricity consumption	506	10.8%	motor vehicle, battery cell, traction battery, high voltage battery, control unit
Fuel cells	494	10.6%	fuel cell, battery cell, motor vehicle, fuel cell stack, fuel cell vehicle
Storage of electrical energy	330	7.1%	battery cell, lithium ion battery, ion battery cell, battery module, motor vehicle
Pollution control	268	5.7%	internal combustion engine, motor vehicle, exhaust aftertreatment, exhaust gas aftertreatment, exhaust gas
Power supply circuitry	252	5.4%	motor vehicle, electrical energy, motor vehicle electrical, energy supply, electric vehicle