

Green Innovation Report

Ford Motor Company - 2024

ISIN: US3453708600, **Ticker:** F, **Country:** US, **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)

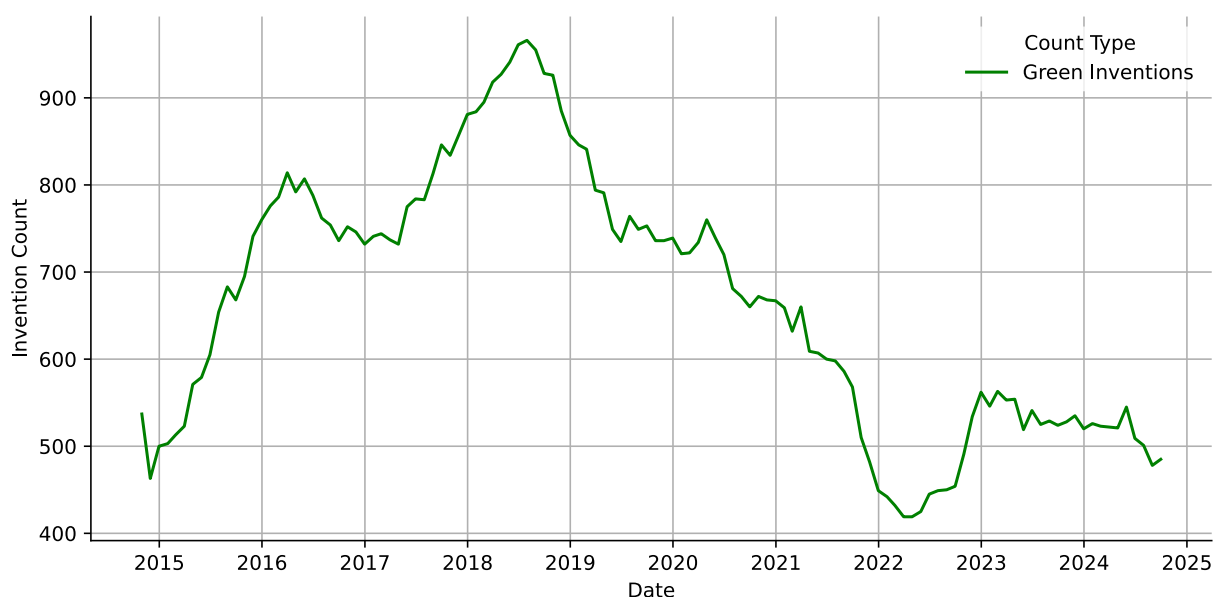
1662 Inventions

Green Invention Count (last 12 months)

485 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

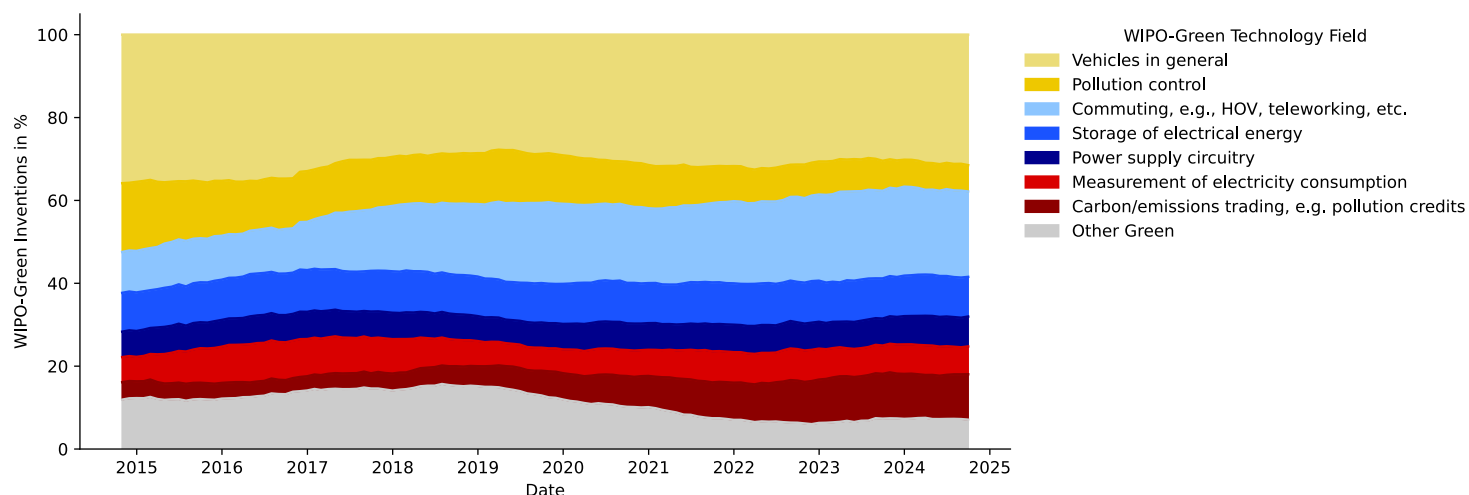


The graph above illustrates the number of green inventions published by the company over the past decade. Data is presented monthly, with each point representing the total green invention count for the preceding 12 months.

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.

Rolling 3-Year WIPO-Green Footprint



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	773	31.5%	traction battery pack, electric vehicle, electrified vehicle, battery pack, traction battery
Commuting, e.g., HOV, teleworking, etc.	506	20.6%	autonomous vehicle, motor vehicle, manufacturing environment, electric vehicle, computer program product
Carbon/emissions trading, e.g. pollution credits	269	11.0%	vehicle payment communication, vehicle access card, v2x smart, reinforcement learning, manufacturing environment
Storage of electrical energy	235	9.6%	wheel sensor data, voltage leakage detection, vehicle sensor mode, traction battery controller, temperature sensor selective
Power supply circuitry	177	7.2%	home energy storage, inductive electrical connection, baseplate inductive electrical, vehicle secure access, vehicle recharging
Measurement of electricity consumption	165	6.7%	electrified vehicle traction, electrified vehicle, vehicle traction powertrain, vehicle traction battery, vehicle electrical
Pollution control	156	6.4%	internal combustion engine, engine cold start, secondary air, ultraviolet light, exhaust gas

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