

Green Innovation Report

NXP Semiconductors N.V. - 2024

ISIN: NL0009538784, **Ticker:** NXPI, **Country:** NL, **Sector:** Semiconductors

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)

511 Inventions

Green Invention Count (last 12 months)

72 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.

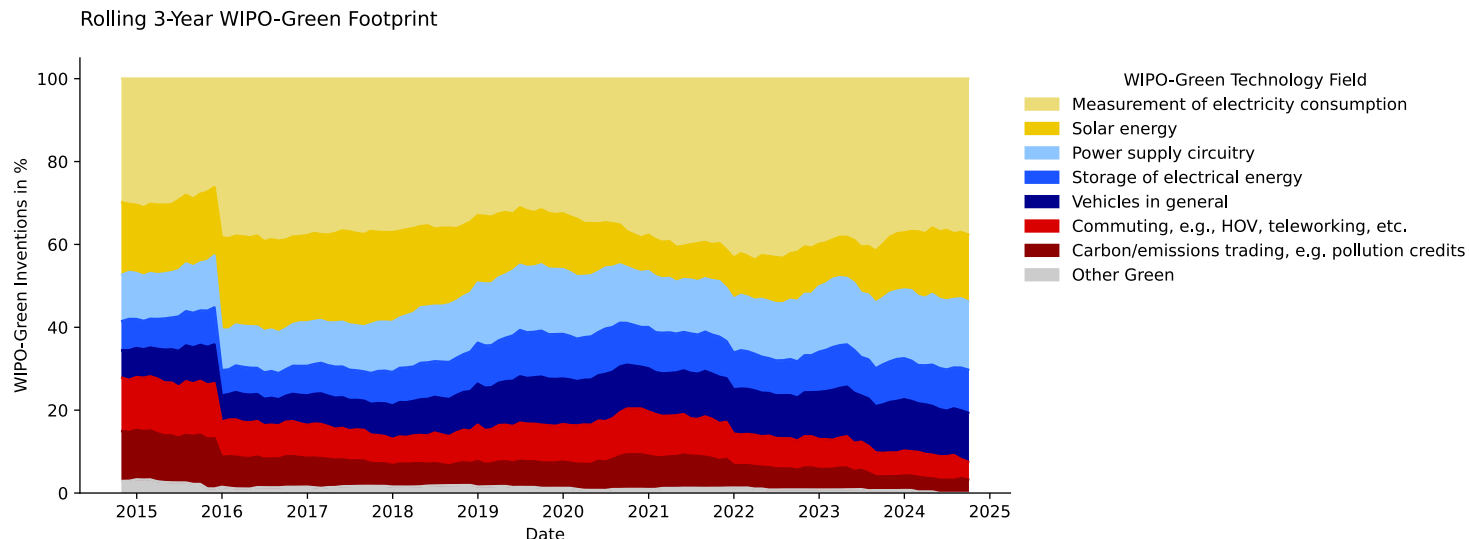
Rolling 1-Year Invention Count



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)
Measurement of electricity consumption	105	37.6%	integrated circuit, validation structure, scan mode exit, low voltage, detector circuit
Power supply circuitry	46	16.5%	wireless power transmission, wireless power, sensor node, wireless power transmitter, wireless power transfer
Solar energy	45	16.1%	power amplifier module, power amplifier, power amplifier package, galvanic isolation, flip chip
Vehicles in general	33	11.8%	wireless battery management, switched capacitor, storage battery management, simo switching converter, sigma delta analogue
Storage of electrical energy	29	10.4%	battery pack
Commuting, e.g., HOV, teleworking, etc.	12	4.3%	wireless transaction, task execution, smart card data, rfid tag ic, radar signal

Disclaimer: This report was generated automatically. We do not assume any responsibility or liability for the use or interpretation of its content. Source: [Quant IP GmbH](#)