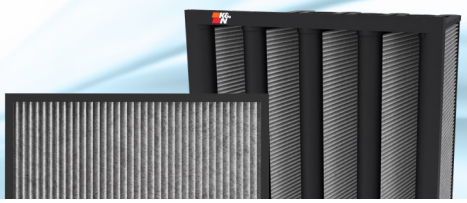
GLOBAL FILTRATION

BETTER **PERFORMANCE.**
BETTER FOR THE **ENVIRONMENT.**
BETTER FOR YOUR **BOTTOM LINE.**

K&N WASHABLE FILTERS ESG CONSIDERATIONS



Beginning in 2025 more than 46,000 companies around the world will be required to publicly report ESG data (environmental, social and governance) under the European Union's regulatory framework CSRD (Corporate Sustainability Reporting Directive).

The companies required to report are companies that are EU based with more than 250 employees and 50m euro revenue.

This directive aims to enhance transparency and accountability in corporate sustainability reporting, empowering the Commission to then adopt acts for compliance.

In reporting the Environmental impact, the two most popular international carbon emission reporting standards are the GHG protocol, and ISO 14064-1:2018. Both standards give guidance on how a company can account for, and report on, their organizational carbon emissions.

The GHG protocol splits emissions into 3 Scopes. ISO 14064-1:2018 splits emissions into 6 Categories

K&N reusable filters reduce carbon and other emissions in 2 specific areas that are reported under CSRD.

WASTE DISPOSAL

Reusable filters reduce waste associated with disposal of single use filters and thus the CO2 emissions associated with landfill, transport and incineration. Any reduction is identified under GHG Scope 3 emissions which are indirect emissions, not produced directly by the company itself, but by those that are indirectly responsible in the value chain and ISO Category 5, waste generated in operations.

ENERGY CONSUMPTION

The lower air flow resistance characteristics of K&N washable filters gives rise to the ability to reduce AHU (air handling unit) fan speeds and this in turn impacts GHG Scope 2 and ISO category 2. This being indirect emission from off-site energy producers, in this case from electricity used to power AHUs.

Apple dramatically reduced its environmental footprint – avoiding the landfilling of **25 tons** of waste annually and cutting fan energy use by **35%.**

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IMPROVED AIRFLOW PERFORMANCE
REDUCED WASTE AND CARBON IMPACT
WASHABLE AND EASY TO CLEAN
ENGINEERED FOR LASTING DURABILITY
FAST RETURN ON INVESTMENT