

Sustainability highlights

2024 Report

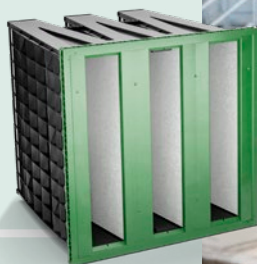


Every step counts towards a healthier world

The 2024 Camfil Sustainability Report reflects our continued dedication to sustainability across all aspects of our operations.

This means we are striving to increase our **handprint** – i.e. our positive impact, delivering clean air while reducing our **footprint** – i.e. our negative impact on people and environment in the value chain.

Camfil is a member of the UN Global Compact and supports its ten principles and four overarching areas – human rights, labour, environment and anti-corruption.



Increased Handprint



Reduced Footprint



Our value to society Advocating for clean air



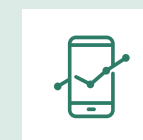
Increasing people's health

We spend up to 90% of our time indoors* and the air that we breathe is crucial for our health and wellbeing. According to the WHO guideline in 2021, up to 99% of the world's population is breathing air that is worse than WHO recommendations**. Good air filter solutions from Camfil provides the opportunity to improve and control the indoor air quality.



Enhancing people's productivity

Research indicates that maintaining comfortable room temperatures, enhancing ventilation beyond standard recommendations, reducing indoor pollution sources, and improving ventilation efficiency can boost people's performance. The findings suggest a productivity increase of 5–10%.***



Improving energy efficiency

At Camfil we take pride in helping our customers and society to use less energy thanks to innovative air filter technology solutions to deliver on sustainability ambitions and targets.

* <https://www.epa.gov/indoor-air-quality-iaq/improving-your-indoor-environment>

** <https://www.who.int/health-topics/air-pollution>

*** <https://orbit.dtu.dk/en/publications/indoor-environment-health-comfort-and-productivity>

50% Heating, Ventilation and Air Conditioning (HVAC) systems account for up to 50% of a commercial building's energy use.

www.energy.gov.au/business/equipment-guides/hvac



Supporting the environmental goals of our customers

Our ambition is clear; increase the hand-print for our customers, and reduce our footprint in doing so. Camfil and our customers are all part of the same eco-system, we face the same challenges, and we can make a positive impact together.

The operations of buildings account for 30% of global final energy consumption*. Existing buildings, often with older ventilation systems, are the major part of the challenge. Changing to more energy efficient filters from Camfil correlates directly to energy usage and is often a simple, cost efficient, and direct solution versus rebuilding complete ventilation systems.

* https://www.iea.org/energy-system/buildings?utm_source

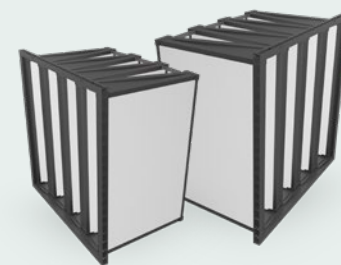


Energy efficient solutions Life Cycle Cost analysis help our customers save energy

To facilitate the right choice of filters for a system, Camfil's R&D Department pioneered the first Life Cycle Costing (LCC) software in the early 1990s to help air filter users select the best filtration solution in terms of indoor air quality (IAQ) and energy performance.

The latest version, Camfil LCC Green, considers filter efficiency, filter life, filter change labour, filter cost, disposal costs and allows for varied inputs for all of these factors plus the largest filter expense – energy usage.

The LCC is also able to indicate the current CO₂ footprint of the filter installation, based on the customer's local situation.



55% of Camfil Eurovent rated comfort filters delivered are A+ or A rated

Did you know...

that the filter's 'sticker price' is only a fraction of the total cost? Our Life Cycle Cost software helps you pick solutions that lower your total cost.



2% Labour and disposal cost



8% Replacement filter cost



10% Filter cost



80% Energy cost

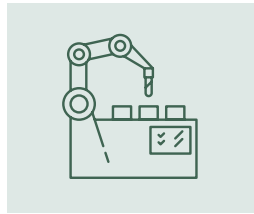
The importance of Life Cycle Assessments

To be able to make the right decisions on our shared decarbonisation journey, it is crucial to have knowledge about the products' environmental impact over their entire life, from raw material extraction to end of use. Therefore, our focus for decades has been to conduct life cycle assessments.

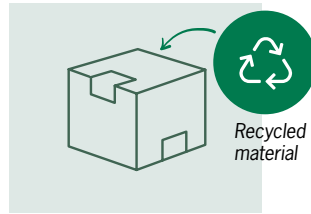
> Raw material & transportation



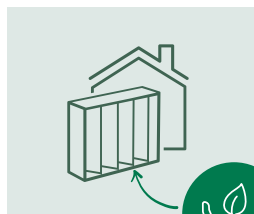
> Manufacturing



> Packaging

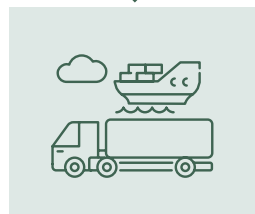


> End of life



> Use

Protect the health of people, processes and the environment



> Delivery

Life of a filter – environmental impact

By conducting a Life Cycle Assessment (LCA), we can assess a product's environmental impact and understand how resource-intensive the different phases are. Thanks to LCA which reviews the entire process and its flows, including the impact of materials and waste, Camfil gets valuable inputs to develop more circular and sustainable operations. According to the products LCA the use phase has by far the biggest environmental impact.



Product sustainability with LCA and EPD

We know our air filtration solutions make a real difference for the Indoor Air Quality but all environmental claims must be backed up by transparent and independent analysis. To better support our customers in making the right product choice which supports their sustainability targets, we continuously develop Environmental Product Declarations (EPDs) that are validated by external parties.

All this work is directly linked to the UN's global goal number 12, Responsible Consumption and Production.




Examples of our energy and CO₂ reducing activities



Conover, US, LED project

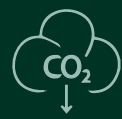
The lighting upgrade project at Camfil's Conover, NC facility saves approximately 217 850 kWh annually, translating to a reduced emission of CO₂ equivalents of app. 88,4 tonnes and app. EUR 13 500 reduced annual cost for electricity related to lighting. Additionally, the project yields EUR 4 000 in maintenance savings and EUR 2 540 in reduced costs for electricity purchase for cooling the facility. The new LED lighting solution reduces the heat generated from the luminaries by 44%. The estimated simple payback period for the investment is 0,80 years.

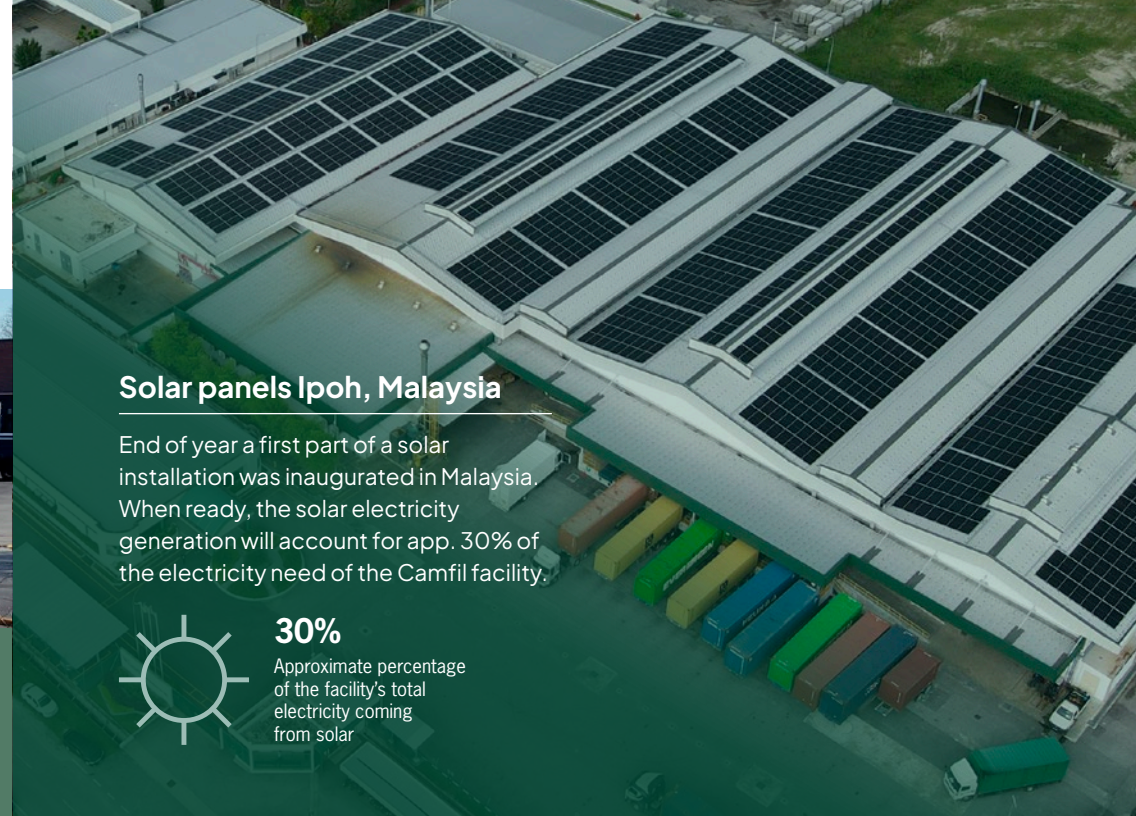
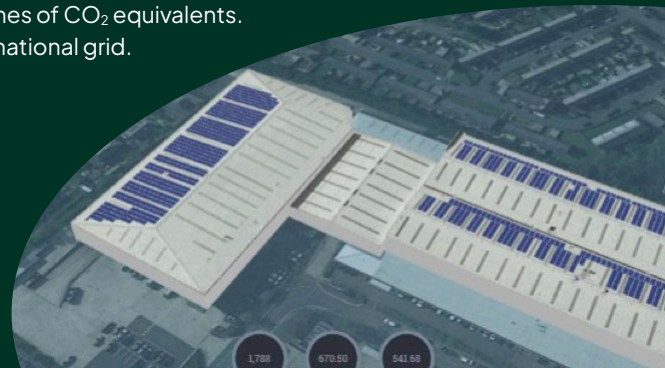
**88,4 tonnes**
Annual CO₂ equivalents reduction

**217 850 kWh**
Approximate annual saving

Solar panels Haslingden, UK

The installation in September of 3 257 m² photovoltaic panels in two roof areas at our factory in Haslingden in United Kingdom will generate app. 565 MWh solar electricity annually. This covers close to half of the facility's electricity need and saves around 150 tonnes of CO₂ equivalents. Excess electricity is sold to the national grid.

**150 tonnes**
Annual CO₂ equivalents saving



Solar panels Ipoh, Malaysia

End of year a first part of a solar installation was inaugurated in Malaysia. When ready, the solar electricity generation will account for app. 30% of the electricity need of the Camfil facility.



30%
Approximate percentage of the facility's total electricity coming from solar

Some of our achievements 2024

- 100% of manufacturing sites have ISO 9001 certification and 40% have ISO 14001 certification
- Continuously reduced OSHA incident rate (1,7%)
- Launch new Camfil Anti-corruption, Trade Compliance & Code of Conduct training program for all employees
- Total waste decreased with 8%
- First Double Materiality Assessment (DMA) where our key sustainability impact areas and financial risks were identified
- 5% increase of sales of A and A+ energy rated filters