



Clean air solutions

# Camfil's growing relevance in a sustainable world

Camfil has been offering the most energy-efficient air filters on the market for more than half a century and we have been working hard to become the first truly sustainable company in the air filtration industry since 2008, when we joined the UN Global Compact.

We knew then, as we know today, that sustainability has to be backed up by real actions and that every effort we make will contribute to our growing relevance as a sustainable enterprise.

In addition to developing and manufacturing the most environmentally friendly air filters on the market, we have also been taking solid actions internally and locally to make a better and greener world. An example is our annual "CamfilCairing Week", of which several activities are described on the next few pages.

## Camfil is a sustainable brand

During a recent business trip, I sat down with a representative of a national government to discuss indoor air quality standards. This meeting was most rewarding because it gave me deeper insight into how the outside world now perceives Camfil as a sustainable company and brand.

My meeting host explained his country's objective to become carbon-neutral and how they needed to team up with the right companies to achieve this. This discussion became even more interesting when the official said:

"Camfil would be an excellent partner for the businesses of our country because you are a 'green-tech' company."

Being perceived as a company that operates in the green technology sector means that our sustainability focus is right on track. Our products have been saving energy and delivering clean air since day one. We have therefore always been "relevant" for achieving greenness and the rest of the air filtration industry is trying to catch up.

Our eco-efficient clean air solutions hit the bull's-eye for our customers in a world where sustainability has gone mainstream and is here to stay. We are seeing more and more concerns, worries and legislation to combat air pollution and climate change. We are noting how the mindset of governments and the public is changing from "need to do", to "want to do", to "sustainability is an opportunity, let's do it right for a better future."

We have not seen all the impacts yet, but at some point sustainability efforts will really have a massive effect and Camfil is already well positioned to be part of it as a global "green-tech" company – one that helps countries, companies, businesses and consumers to deal with issues involving energy consumption and clean air.

## We make absolute sense

At Camfil, we are proud that we are a green business in the minds of many today. Every time we talk about what we do and who we are, we get fantastic feedback. In the eyes of our customers, collaboration partners and other stakeholders, we make absolute sense in today's business world.

Camfil's growing relevance for providing a better and cleaner world is part of what we are. It is what we do every day. With sustainability at our core, we stand out from the competition.

If someone is breathing the best clean air through our energy-saving filters today, it was because we introduced the concept a long time ago. Camfil has become an even greener brand that will become even more relevant and beneficial for many, many years to come.

Magnus Yngen  
President and CEO



## Sweden

## Best supplier award from Volvo Cars

In 2015, Camfil Sweden received the Volvo Cars Quality Excellence (VQE) Award that recognizes suppliers that are best in their category of business.

All suppliers to Volvo Cars were examined in several areas such as global ability, risk management, continuous improvements and

cost reduction processes. In Camfil's case, as a supplier of air filters, Volvo Cars was very focused on how Camfil Sweden complies with the "CamfilCaring Code", Camfil's platform for best sustainability practices across all Group operations.



## China

## Fire safety and first aid training

At Camfil China's plant in Kunshan, training was arranged in 2015 for production staff to learn about fire protection, prevention and management. A first-aid training course was also arranged with the local Red Cross to teach employees about first aid, safety, and health and emergency rescue procedures. Personnel learned how to carry out medical rescue procedures in a timely and effective manner to save lives and reduce losses in the event of an accident.



## Slovakia

## Intelligent lighting saves energy

When the lighting used at Camfil Slovakia had to be evaluated at the end of its life cycle, efficiency and costs were compared with the latest solutions on the market.

A new intelligent lighting system, controlled by motion sensors and equipped with an automatic timing option, now provides the desired light intensity in indoor production and warehouse areas. This tailored and adaptable lighting solution has improved the working environment in an outstanding way and reduced electricity and maintenance costs substantially.



## Sweden

## Supporting nature's own air filters

Camfil headquarters and Camfil Sweden are helping the WWF (World Wide Fund for Nature) preserve the Borneo rainforest, one of the most important ecosystems on the planet.

Today, only half of Borneo's original rainforest remains. Forests like these are the natural air filters of the world, absorbing carbon dioxide and producing oxygen – and cleaning the atmosphere by intercepting airborne particles.

The money that Camfil donates goes to planting trees in the area of Sebangau in south Borneo, a project in cooperation with local villages.



## United States

## Safer and cleaner work environment

Camfil APC, a manufacturer of dust collectors in Arkansas, upgraded its paint system in 2015 by converting a wet spray booth into a powder paint batch booth for a safer and cleaner work environment.

The new powder paint system offers environmental, safety and quality benefits by eliminating all HAPs (hazardous air pollutants) and VOCs (volatile organic compounds) to significantly reduce employee respiratory exposure hazards. The system also cuts solvent-based liquid paint emissions during the drying process.

To further safeguard personnel health, Camfil APC also offered free health screening to all employees in 2015.

## United Kingdom

## A charitable year

The British subsidiary, Camfil UK, had an event-packed year in 2015, conducting charitable activities every single month to raise money for cancer research, the British Heart Foundation, a cystic fibrosis fund, a local lifeboat charity, and the Royal British Legion's efforts to support ex-servicemen.

On the community front, Camfil UK conducted an Easter egg drive for the local food bank, donating eggs and soft toys.

On a year-long basis, Camfil UK donated blood at the local community center and made regular donations to the local food bank. The company has also continued its sponsorship of Herbie, a guide dog for the blind.

## Brazil

## Clothing drive for the needy

In 2015, Camfil Brazil proudly joined the annual "Winter Donation Campaign" by the state of São Paulo to collect clothes that are sent to social institutions. The objective of the drive is to provide better conditions for needy people during the coldest period of the year. Employees donated a significant quantity of useful items, such as sweaters, shirts and pants.





### Middle East

## Supporting youth football

Camfil Middle East believes in encouraging young talented people and giving them opportunities. In the company's eyes, this includes supporting sport activities that serve as an ambassador of peace and prosperity, especially in Middle Eastern countries where political and social issues are still in need of work to return to stability.

Together with a partner and coach, more than 30 young players from Iraq were trained to participate in a tournament in 2015. Hardworking teams and better hope for the future encouraged these players to win several games, allowing them to advance further in the tournament and stay motivated for a victory.

### India

## Certifications for facilities



### Green Building Certification

In 2015, the U.S. Green Building Council (USGBC) awarded Camfil India's filter manufacturing facility in Gurgaon its Green Building Certification (Silver Version 4). Gurgaon was said to be USGBC's first project with Version 4 certification in India.



### ISO 14001 and OHSAS 18001

Following an audit in late 2015, Camfil Power Systems' fabrication shop for gas turbine products in Trichy, also used to assemble Camfil APC's dust collectors, was certified to ISO 14001 and OHSAS 18001 after clearing the requirements for its integrated management system for managing quality assurance, the work environment and occupational health and safety.

**Malaysia**

## Reducing waste and injuries

Camfil Malaysia took additional steps in 2015 to reduce the amount of waste generated from production operations. Hazardous waste, primarily polyurethane, decreased from 28.43 metric tons in 2014, to 14.01 metric tons in 2015, or 51%. Landfill waste from all plant activities was reduced an average of 21 metric tons per month to 15.6 metric tons, a savings of about 27%.

The Malaysian plant also reviewed all causes behind hand injuries to follow up the Camfil's Hand Safety Campaign, conducted in 2014. These injuries mainly happen during handling processes on the production floor.

To minimize potential injuries, Camfil Malaysia conducted trail runs with recommended gloves, introduced safety knives with self-retracting blades, established "Do & Don't" procedures to provide guidance when handling equipment and product parts, and purchased closed-edge pallets and trolleys.

Personnel were also trained in the new safety procedures and hand and finger injuries were reduced by 89% in 2015, compared to 2014.

**Ireland and Italy**

## Helping women and hospitals

For the last four years Camfil Ireland has supported the local women's Refuge, called Aoihbneass, which helps and supports children and women who have been abused by their partners in the home.

In 2015, Camfil Ireland donated EUR 1,000 in donations and also gave gifts at Christmas to the unit for the children. Through its sales team, Camfil Ireland has also been involved in supporting St James's Hospital, one of the local healthcare facilities in Dublin, purchasing two tables for the St James's Hospital Race Day event (right) and donating a prize for this cause and EUR 1,000 in funds.

**Air for life**

Camfil Italy continued to help hospitals in 2015 by assisting the Department of Pediatric Pulmonology at Regina Margherita Hospital in Turin and the Regional Center of Reference for Cystic Fibrosis. The goal was to reduce particle and microbiological contamination and offer little patients affected by respiratory diseases better indoor air quality inside ambulatories or common areas, thus reducing the risk of microbiological contamination.

To this end, Camfil Italy assessed the indoor air quality inside the rooms and proposed the most suitable filtration solutions for the areas.

**Germany**

## Intelligent packing technology

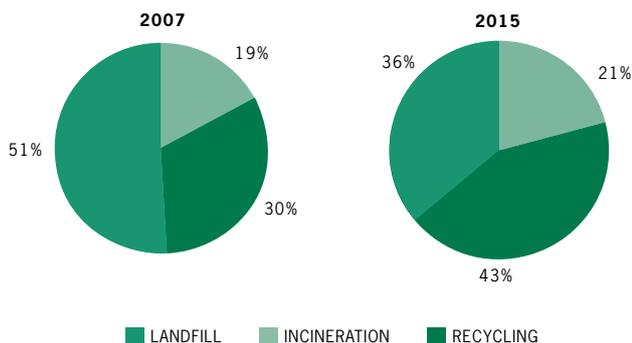
In 2015, Camfil Germany introduced a new packaging system that reduces plastic waste and cardboard consumption while saving energy.

Cartons are individually adapted to the filter size – quickly and with consistent quality. As the cartons fit the filters precisely, there is only a minimum requirement for filling material.

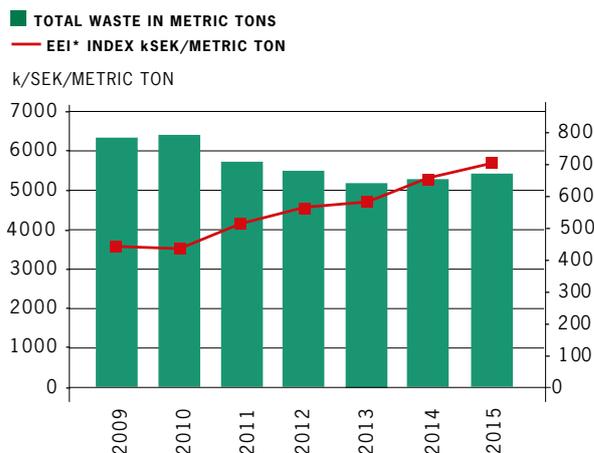
This saves time and cuts costs for packaging, storage, transportation and shipment. For example, freight volumes have been reduced by approximately 30 truck loads per year to lower carbon dioxide emissions and waste quantities.



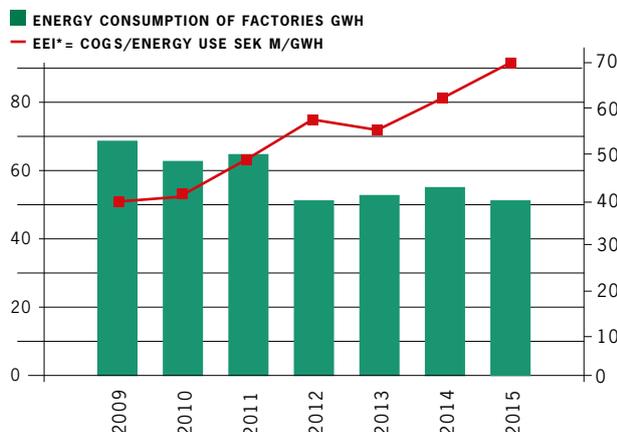
### Waste destination



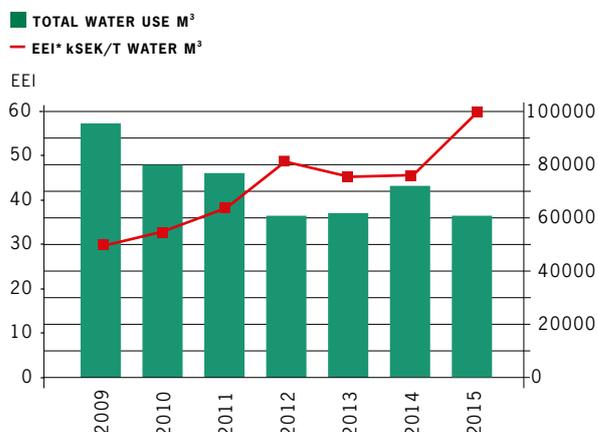
### Waste



### Energy use



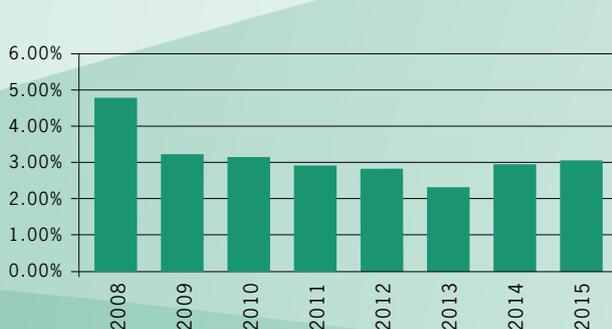
### Water use



\* The charts above display the waste efficiency factor, energy efficiency factor and water efficiency factor as value created per unit of resource used (EEI = Eco-Efficiency Index).

## Sustainability in the workplace

### Number of sick leave days per 100 work days



### Lost work days due to work-related injuries per 100 work days





## **CAMFIL – a global leader in air filters and clean air solutions.**

Camfil is a global leader in the air filtration industry with more than half a century of experience in developing and manufacturing sustainable clean air solutions that protect people, processes and the environment against harmful airborne particles, gases and emissions. These solutions are used globally to benefit human health, increase performance and reduce energy consumption in a wide range of air filtration applications. Our 26 manufacturing plants, six R&D sites, local sales offices and 3,800 employees provide service and support to our customers around the world.

[www.camfil.com](http://www.camfil.com)

For further information please contact your nearest Camfil office.