



The Fisher Scientific Channel in Europe: Committed to Environmental Sustainability

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Mission

As part of Thermo Fisher Scientific's mission to enable our customers to make the world healthier, cleaner and safer, the Fisher Scientific channel is dedicated to providing sustainable solutions to help you reduce your environmental footprint.



We are committed to protecting and preserving the environment and enabling you to do the same.

Activities

Ensuring recycling is maximised across our locations



Supplier packaging is reused



Office recycling programs



Efficient use of resources

Supplier materials are reused in packaging or recycled in our facilities.

Office recycling programs have been launched to ensure all waste is properly managed, including pen and battery recycling. Individual bins have been removed.

Efficient use of resources in running our business and reduction of our direct impact on the environment.

Moving away from plastic & avoiding disposable items



Pallet wrap



Recycled dunnage



Glass and reusable cups

We are decreasing the amount of **plastic used in pallet wrap** by using thinner wrapping materials. Any plastic bags used in our facilities are being replaced with bags made of other types of materials.

We are replacing all our void fill plastic **with recycled plastic of at least 50%**. This void fill can have a lower carbon footprint due to lower weight.

We have removed **plastic bottles and plastic cups** from offices, vending machines, employee restaurants and water dispensers. Alternatives to plastic are offered to visitors.

Eliminating the use of paper



Printing reduction

- We have reduced printing in our offices
- Any absolutely necessary printing is done on recycled paper

Safety Data Sheets (SDS)

- These are now sent out to customers electronically
- These are also downloadable from our website
- All perfectly compliant with current regulations

Technical literature

- Also available as downloadable pdf's

Advertising material

- Our catalogues and brochures are available as digital media with downloadable versions on our website

Outlet Corner



Outlet Corner is a successful program designed to prevent the build-up of excess and ageing inventory by offering it for sale to customers at specially reduced prices. This helps to avoid the risk of any products becoming obsolete and eventually being discarded and entering landfill. It is an important part of our waste reduction effort, and works in conjunction with product donations that we make to local schools to support regional science education classes.

Product packaging and transportation



We have optimised packaging and harmonised pack sizes across our European sites. Only eleven different sizes of boxes are now used for shipping.



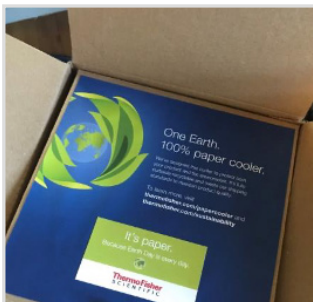
We **avoid styrofoam** (also known as Expanded Polystyrene EPS) as packing material in packaging boxes because styrofoam cannot readily be recycled.



Instead, we use packing material made of **recycled paper** produced in our distribution centres.



Launched at the Thermo Fisher Scientific distribution centres in Inchinnan, Scotland, and Bleiswijk, Netherlands, **the Paper Cooler** is a 100% paper-based container for shipping temperature-sensitive products and is an environmentally preferable alternative to expanded polystyrene (EPS) coolers. Though we still rely on EPS coolers to ship a portion of our cold-chain shipments, we have started using our 100% paper cooler and this is an important step forward in our sustainability journey.



In April 2022 Thermo Fisher Scientific reached a new milestone by shipping over 1 million paper coolers to customers globally. The paper cooler was the first 100% recyclable cold-chain shipper in the industry three years ago. One million recyclable coolers shipped means we have helped our customers avoid the equivalent of seven Olympic-size swimming pools of EPS foam from reaching landfill.

Saving energy



LED Illumination introduced to our warehouses results in:

- Longevity of lighting equipment and reduced replacement cost
- A safer working environment
- More environmentally sustainable lighting compared to neon lighting
- Saving on energy costs

Responsible supply chain

The Fisher Scientific channel works with its key supplier partners to drive sustainability through the supply chain. Suppliers are expected to ensure that all material sub-contractors and sub-suppliers comply with the principles and commitments described in our Code of Conduct. If a supplier violates the Code of Conduct, we may perform an investigation into alleged shortcomings and may require the supplier to implement corrective action.

Employee involvement



Car sharing: Employees are encouraged to share cars to reach our sites, reducing the carbon footprint of our employees when travelling to their workplace. The Fisher Scientific channel facilitates car-share communications between all employees.

Green teams: Employees have the opportunity to be involved in green teams in each of our distribution centres. These teams carry out environmental activities at their site that benefit the planet and our customers.

Electric car charging points: Employees are encouraged to use forms of transport that are respectful of the environment. Installing electric car charging points at our sites help our employees to move to electric vehicles instead of diesel or petrol.


Bicycle racks: Installing bike racks and encouraging employees to ride to work further reduces our overall carbon footprint.

Programs

Greener Choice



Reduce Your Environmental
Impact One Product at a Time

You can now achieve your sustainability objectives thanks to our 'Greener Choice' products. Look for the green leaf icon  under SPECIAL PROGRAMS in the 'Narrow Results' filter on our website. This filter allows you to identify all the items that are environmentally preferable to other items in the same product category.

RightCycle™ by Kimberly-Clark Professional



Your company needs an effective solution to mitigate waste and help you reach your corporate social responsibility and sustainability goals. RightCycle makes it easy to recycle previously hard-to-recycle products like garments and nitrile gloves.

Now the Kimtech™ garments and gloves used in your facility can be turned into a variety of useful, eco-friendly products. Reach your zero landfill goals with the RightCycle Program, currently available in the UK, Ireland, Germany, Austria, Belgium and Spain.

Certificates

Landfill avoidance: the Illkirch, Gothenburg, Loughborough and Schwerte sites are now Zero Waste certified, diverting more than 90% of the waste stream away from landfills.



Loughborough

Gothenburg



Illkirch

Schwerte



ISO 14001

The Fisher Scientific channel operates a comprehensive Environmental Management System which ensures compliance with all applicable environmental legislation, regulations, codes of practice and any other standard to which the Company subscribes.

Find ISO14001 and Environmental Information on eu.fishersci.com/go/sustainability

EcoVadis



EcoVadis is the most trusted provider of business sustainability ratings, used by over 75,000 companies worldwide. Backed by powerful technology and a global team of experts, EcoVadis scorecards provide actionable insights into environmental, social and ethical data. Fisher Scientific, as part of Thermo Fisher Scientific disclose information to EcoVadis on an annual basis to support our customers.

The disclosure methodology covers seven management indicators, across 21 sustainability criteria in four focus areas: Environment | Labour & Human Rights | Ethics | Sustainable Procurement. EcoVadis rates sustainability performance by assessing our company policies, actions and results, as well as inputs from third-party professionals and external stakeholders.

Thermo Fisher Scientific currently has an EcoVadis score of 50 and a bronze rating.

The CDP (formerly the Carbon Disclosure Project) is an international non-profit organisation that helps companies and cities disclose their environmental impact. CDP runs the global environmental disclosure system.

Each year CDP supports thousands of companies to measure and manage their risks and opportunities on climate change, water security and deforestation.

CDP is focussed on climate disclosures like greenhouse gas emissions, and is quantitative, involving precise numbers.

Just like Thermo Fisher Scientific disclose our emissions commitments to our customers, we also invite our suppliers to disclose their emissions and targets through the CDP platform.

Working Toward Net-Zero

Thermo Fisher Scientific is the world leader in serving science

Our Mission is to enable our customers to make the world healthier, cleaner and safer. That's why we're committed to protecting the planet and helping others do the same.



Our climate approach

Inspired by our Mission

Powered by our culture of continuous improvement

Activated by the passion and innovation of our colleagues

Strengthened in collaboration with our customers, suppliers, and business partners

Grounded in a desire to make a positive, science-based impact in the fight against climate change

Increasing our ambition

Climate science is clear. Urgent action is needed to minimize the negative effects of climate change. Thermo Fisher Scientific is prioritizing this effort because it's not only a reflection of our Mission, but also an integral part of our business. In 2021, we committed to reaching net-zero emissions by 2050 and joined the Business **Ambition for 1.5°C campaign** led by the Science Based Targets initiative (SBTi). This net-zero commitment builds on our near-term climate goals, outlined below. In 2022, Thermo Fisher Scientific will submit these goals to SBTi for validation.

		Near-term target	Long-term target
Scope 1 emissions	This includes: <ul style="list-style-type: none"> • Fossil fuels used at our facilities and in company vehicles • Unavoidable leakage of refrigerants from cooling equipment 	By 2030, reduce greenhouse gas emissions by 30% from 2018 baseline	By 2050, achieve net-zero emissions
Scope 2 emissions	Electricity, steam and hot water purchased to power our facilities		
Scope 3 emissions	Other activities we do not control but have influence over, such as: <ul style="list-style-type: none"> • Goods purchased • Transportation of goods • Impact from the use of our products 	By 2027, 90% of suppliers by spend set science-based targets	

Developing our plan for net-zero

We are actively developing our plan to reach **net-zero emissions**. This includes a long-term investment strategy, transitioning from fossil fuels to renewable electricity, a supplier engagement program, and a sustainable product design program — all to help our customers reach their goals and drive innovation. As our plan evolves, we’re broadening our focus to include a range of emissions sources. This includes our fleet, waste generation, transportation, and business travel. With insights in these areas, our colleagues and other stakeholders are critical partners in helping us achieve our goals.

1. Investments for a high-impact plan

To deliver on our climate ambition, Thermo Fisher Scientific has made significant investments in infrastructure, organizational structure, systems, and human capital — areas that will help accelerate the design and implementation of our net-zero plan. Our long-term financial plan was established to enable a strategic mix of **emissions reduction actions** that will deliver positive impact at scale. In 2021, we made unprecedented investments in staffing, reevaluating and resourcing our climate program, and in 2022, have allocated **\$20 million for green infrastructure**.

We’ve recently expanded our governance model for climate action, enabling purposeful decision making that accelerates our strategy. Tiered steering committees are embedded within the organization. Alongside other top executives, our chairman, president, and chief executive officer reviews our plans, risks, and results. Board-level governance for climate action is held within our nominating and corporate governance committee.



2. Renewable electricity across our operation

Thermo Fisher Scientific operates over 400 manufacturing, warehouse, and office locations around the world. These sites are currently powered by a combination of fossil fuels and electricity from both renewable and non-renewable sources. Our plan calls for a transition away from fossil fuels, an acceleration of on-site solar energy sources, and increased procurement of **renewable electricity**.

Our approach is centered on the concept of “additionality,” directly supporting the development of new renewable energy sources. This focus will help us add renewable systems at our sites and leverage long-term power purchasing agreements (PPAs) with new wind and solar facilities.

3. Engagement to amplify supplier progress

Our supply chain is our largest source of emissions. Through our supplier engagement strategy, we can have an outsized impact on reducing our footprint. This will directly contribute toward a reduction in the value chain emissions of our customers as they strive to achieve their climate goals. Although we do not own or control these indirect Scope 3 emissions, we recognize that a united voice has the power to drive investment in reporting and target setting, which ultimately set the stage for meaningful action.

As such, we’ve joined leading industry networks including the **CDP Supply Chain Program** and the **Pharmaceutical Supply Chain Initiative (PSCI)**. By 2027, Thermo Fisher Scientific suppliers representing 90% of our Scope 3 emissions from (1) purchased goods and services and (2) upstream transportation and distribution will have set climate-related, science-based targets.

4. Sustainable products for our customers

Thermo Fisher Scientific is committed to designing products with the environment in mind. Our colleagues actively look for ways to reduce health and environmental impacts across a product’s lifecycle to move toward a more resource-efficient, closed-loop system. Our greener product alternatives and **ENERGY STAR-certified products** help scientists advance sustainability in the lab by minimizing the use of hazardous chemicals, decreasing waste and material consumption, and increasing energy efficiency.

The Thermo Fisher Scientific **Greener Choice** program makes it easy to find lab products that align with your sustainability goals. Simply look for the leaf icon in search results to identify qualifying products.

Thermo Fisher Scientific is also a leading participant in **My Green Lab’s ACT Environmental Impact Factor Label program**. The ACT label is designed to address the needs of scientists and procurement specialists for clear, third-party verified information about the environmental impact of laboratory products.

Recent progress

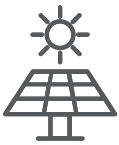


• **A transformational year:** 2021 was an important year for our climate work. We've already decreased our absolute emissions by 12% since 2018, making it possible to meet or exceed our 2030 target of 30% reduction.

• **Site planning:** Energy assessments were conducted at high-emission facilities that represent 40% of our Scope 1 and Scope 2 footprint. The findings uncovered opportunities to eliminate over 80,000 metric tons of carbon dioxide, approximately 25% of our fossil fuel-related emissions, with several projects being implemented this year. By the end of 2022, assessments of more than 45 sites will have been completed to help plan our transition away from fossil fuels.

• **Scaling capacity:** To support new and expanding facilities, our team is developing a net-zero construction guide. This will help us offer customers additional capabilities, capacity, speed, and scale without the use of fossil fuels.

• **Renewable electricity:** Our use of renewable electricity increased to nearly 250 gigawatt hour in 2021. This is a 69% increase over the prior year and represents more than 22% of the company's total annual electricity consumption. Today, more than 60 Thermo Fisher Scientific sites are fully powered by renewable electricity.



- We've recently added 3.5 MW of solar power and 3 MW of wind energy across seven sites with another 15 MW of solar planned.

• **Power Purchase Agreements:** We are actively pursuing PPAs in North America and Europe and have registered with the Energize program, a unique, sector-wide initiative to increase access to renewable electricity within the pharmaceutical supply chain.



• **Supplier collaborations:** As we develop our supplier engagement program, we're already supporting foundational change in two key areas:

- 6% of spend is associated with suppliers with validated science-based targets; 9% of spend is associated with suppliers that have committed to, but not yet validated, their science-based targets



• **Eco-friendly customer solutions:** To help our customers achieve their environmental goals, we're expanding our sustainable product offerings by adding more than 250 ENERGY STAR-certified products and growing our portfolio of greener product alternatives. We've also been working with My Green Lab to add ACT labels to more than 450 products. Now it's easier for lab managers and procurement teams to make greener purchasing decisions.

• **Sustainable packaging:** Our 100% recyclable paper cooler won Gartner's 2021 SocialImpact of the Year Award. It's been shipped over one million times, eliminating the need for approximately 650,000 cubic feet of EPS foam — enough to fill 7 Olympic-sized swimming pools

Transforming with transparency

In line with our commitment to transparency, Thermo Fisher Scientific aims to foster public understanding of our environmental impact, make credible progress toward our goals, and explain how climate change impacts our business. These disclosures and insights are of high importance to all our stakeholders, including customers, colleagues, investors, and the local communities where we operate. Since 2010, we have participated in the CDP disclosure program. Last year, we prepared our first Task Force on Climate-Related Financial Disclosures (TCFD) report. We are continuously working to enhance our climate disclosures with transparency through our annual Corporate Social Responsibility and financial reports.

Commitments and networks



Reporting and disclosure



Conclusion

The Fisher Scientific channel represents a one-stop source and choice for a portfolio of global product and service brands, comprising a comprehensive range of laboratory equipment, chemicals, instruments, biological products and consumable supplies.

The Fisher Scientific channel's extensive list of partnerships with major manufacturers, as well as our own proprietary Fisherbrand range, allows us to give our customers easy access to the products that are most in demand—all from one source.

We recognise that protection of the environment requires proactive commercial activity to be conducted in a sustainable manner. The Fisher Scientific channel operates a comprehensive Environmental Management System which ensures compliance with all applicable environmental legislation, regulations, codes of practice and any other standard to which the Company subscribes.

Useful links and information:

[Net-Zero Carbon Emissions by 2050](#)

[Thermo Fisher Scientific Corporate Social Responsibility Reports](#)

[Antislavery Policies](#)

[Quality Management](#)

[Greener Choice](#)

For more information relating to our sustainability initiatives visit:

eu.fishersci.com/go/sustainability

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