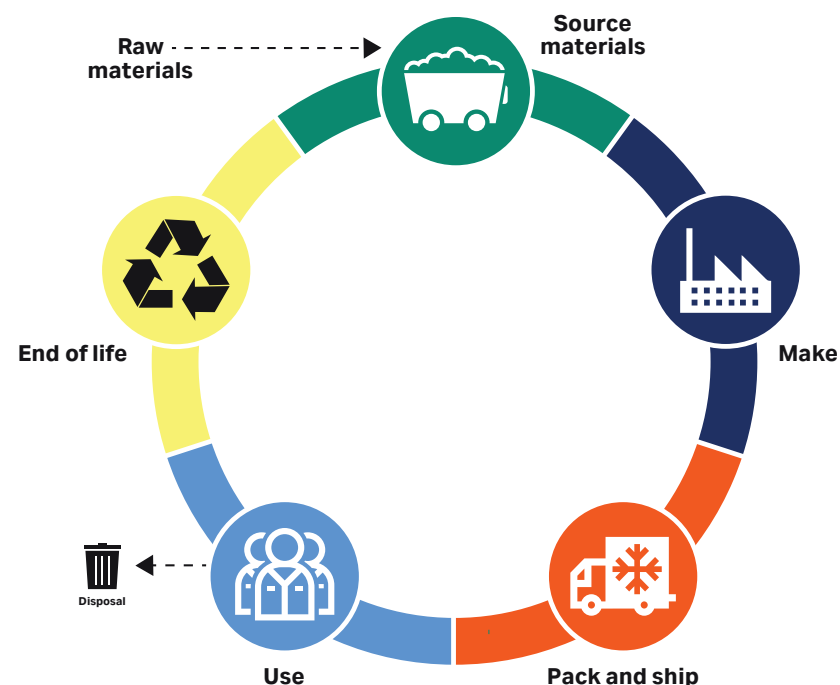


# Lab filtration: An environmental perspective



## Unleashing the power of life cycle management

Since 1733, Cytiva's lab filtration businesses of Whatman and Pall (since 1946) have been positively impacting society and the environment through the way our products have been used in research, manufacturing, quality, and testing.

Now we are prioritizing how we incorporate eco-design principles into every phase of our lab filtration products to reduce the environmental footprint. We set a goal to complete product carbon footprints (PCF) on 20% of our top products (by revenue) in 2025.

We will only succeed if we work together across the full value chain, suppliers and customers both. ~95% of our carbon emissions are Scope 3 emissions with raw materials and distribution being the primary categories. As of Q4 2024, 81% of our direct spend has been EcoVadis assessed. Also, we are actively sourcing biobased feedstock for plastic alternatives to reduce our dependence on virgin fossil fuels and the carbon impact of that plastic.

Cytiva is committed to decarbonizing our products, processes and ways of working to ensure we meet our current and future sustainability goals.



## Raw materials

We recognize the importance of what material we are choosing and how much we are using when designing products. We must pursue materials with a reduced environmental impact, ensure responsible sourcing and preserve labour and human rights.

With that in mind, we've identified multiple processes where waste has been eliminated during syringe filter production. We are also pursuing certification through ISCC for bio-based polypropylene alternatives in 2025.

**15%**

of Benchkote product raw materials are offset by reuse of wastepaper.

**1/4**

of the size of typical filters, VacuCap filters are designed with 80% less plastic to dispose.

**72%**

Mini-UniPrep plastic reduction in setup vs standard filter setup.

## Manufacturing

Manufacturing filtration devices uses a lot of energy and water, and this is conducted at four primary facilities: China, England, Germany, and Puerto Rico. At each site we look to improve operational efficiencies, for example:

- China has invested more than \$3 million to improve water efficiency and has reduced water consumption by more than 80%

**100%**

of our filtration manufacturing sites are on renewable electricity.

**>6.5g**

plastic eliminated via manufacturing design change of cold to hot runners at Cardiff & Dassel.

**112**

tonnes emissions reductions in CO<sub>2</sub> at Cardiff in 2024.

## Distribution

Over the past few years, we've had multiple projects supporting the transition to more sustainable business practices, with a big focus on packaging.

Through analysis of our plastic use, from shrink wrap to heavy jars, we're identifying ways to eliminate plastic and make our packaging easier to recycle.

"By refining and perfecting our packaging, we cultivate a new narrative for sustainability, where each thoughtful gain collectively lights the way to a brighter, sustainable world."  
— H. Gee-Wing, Engineering

**20%**

reduction in plastic packaging at our Tonglu site.

**7**

tonnes of CO<sub>2</sub> emissions saved by removing plastic shrink wrap in ~200 products in our device portfolio.

**> 3.5**

tonnes CO<sub>2</sub> emissions saved by replacing hard plastic with cardboard cartons.

## Use and end of life

Understanding how you are using and disposing of your lab filtration devices can provide Cytiva crucial insights on how best to design more environmentally-friendly products in the future.

Connect with us today if you're interested in collaborating on product design.

**650 000**

filtration devices recycled since 2022.

**2.2**

tonnes of CO<sub>2</sub> saved by transferring instructions-for-use to the website.

**Fostering**

collaboration and transparency across the value chain.

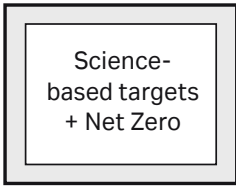


Our impact to the United Nations Sustainable Development Goals



# Our commitment to sustainability

Thriving people, thriving planet, a resilient business. For Cytiva, these three aims are deeply connected. Achieving them is our ambition and our responsibility. That’s why we commit to integrating respect for people and care of the environment in our decisions in ways that have a lasting impact on society, our customers, patients, and Cytiva associates.



This statement of our commitment to sustainability reflects our support of the UN Global Compact and its 10 principles on human and labor rights, environmental protection, and anti-corruption. It is echoed in relevant policies, procedures and strategic priorities across Cytiva.

Want to learn more?  
[cytiva.com/sustainability](https://cytiva.com/sustainability)

[cytiva.com](https://cytiva.com)

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