

### Company

Hengst Filtration is a family-owned company founded in Münster, Westphalia, in 1958. With more than 3.600 employees at 25 locations worldwide, we develop innovative solutions in filtration and fluid management.

We supply technologically leading filtration systems in the fields of plant and mechanical engineering, industrial filtration, hydraulics, life science, and health care. Our customized solutions are used in medical cleanrooms, air conditioning systems, cleaning equipment, industrial plants, power tools, and robots. We are also a series supplier to the international vehicle and engine industry and a development partner for sustainable mobility concepts.

### Vision

#### Purifying our planet

#### Sustainable

We make the planet cleaner with our products. We also make the journey there as clean as possible.

#### Innovative

We develop the filtration solutions of the future. For our customers and for society.

#### Efficient

Our focus is on energy efficiency. This helps the environment and saves costs.

### Filtration solutions for Carbon Capture and Utilization

Carbon Capture applications as well as Utilization pathways greatly benefit from protection against various particulate and gaseous pollutants such as SO<sub>2</sub>, NO<sub>x</sub>, H<sub>2</sub>S, NH<sub>3</sub>, and VOCs. Effective filtration extends the lifespan of plants and valuable sorbents, ensuring high product quality at a low cost.

Discover our innovative, patent-pending **Direct Air Capture Prefilter**, designed for low energy consumption and exceptional durability, enhancing your CO<sub>2</sub> yield. Reach out to us with your renewable carbon activities to explore how our filtration solutions can benefit you.



### Foundation

- 1958

### Employees

- 3.600

### Key topics

- Automotive
- New Mobility
- Industrial
- Carbon Capture
- Mobility
- Healthcare
- Life Science
- Buildings & Households
- Energy
- Machinery & Hydraulic

### Key products

- Air Filters
- Dust Collectors
- HVAC Filters
- Cathode Air Filters
- Oil and Fuel Filters
- Hydraulic Filters
- CO<sub>2</sub> Filters

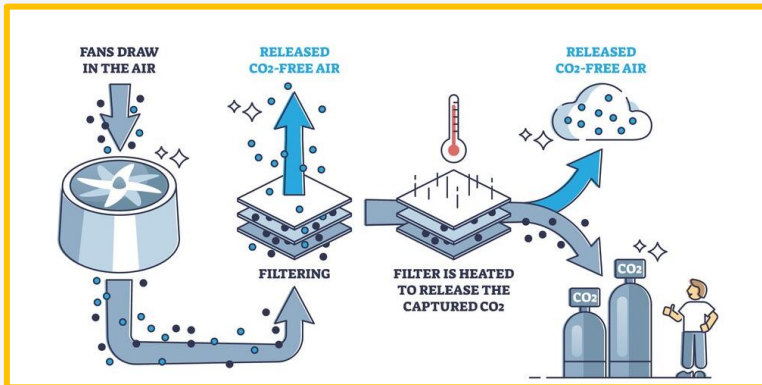
### More information

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

[www.hengst.com/.../carbon-capture](http://www.hengst.com/.../carbon-capture)

## Direct Air Capture made in Münster

Carbon Capture and Utilization (CCU) refers to the filtration, transport, and subsequent use of CO<sub>2</sub>. Direct Air Capture (DAC) refers to the extraction of CO<sub>2</sub> from ambient air. DAC and CCU have the potential to make a significant contribution to climate change and at the same time represent an important building block in the future economic system. The possible fields of application are diverse and range from the food industry to the construction industry, medical or pharmaceutical processes, and use as a protective gas.



Hengst Filtration is proud to present its first DAC system for capturing CO<sub>2</sub> from ambient air. The benefits of this technology are the local, supply chain independent supply of CO<sub>2</sub> and, given the use of renewable energies, sustainable character of the CO<sub>2</sub> harvested from the atmosphere rather than scarce fossil resources. We are putting our core expertise in filter design and energy efficiency to help DAC-based CO<sub>2</sub> become technologically proven and accessible. Along this way, we are looking for partners to work with us on the next DAC generation as well as interested parties to join us on the way into a more sustainable and economically strong future. Get in touch with us!



### CONTACT

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