

The Hamburg-based bioeconomy start-up traceless produces a natural biomaterial from plant leftovers. The team around the two female founders wants to contribute to solving global plastic pollution.

ABOUT THE MATERIAL

traceless® is a natural plastic substitute derived from plant leftovers of agricultural grain processing. The material is naturally regenerative, fossil-free and completely bio-based while avoiding a direct food conflict. It belongs to a new generation of natural polymer materials, is certified plastic and microplastic-free and free from harmful chemicals. Thanks to the resource-saving production technology, 91% CO2 emissions and 89% fossil energy are saved in production and disposal compared to plastic. Due to its natural composition, the material is home- and garden compostable and harmless to humans and nature.

The company produces traceless® as a base material in the form of pellets, which can be further processed into cast parts, flexible films or coatings using standard processing technologies. The material can replace plastic in products that are difficult to recycle or easily end up in the environment – from disposable products over rigid and flexible packaging to paper and cardboard coatings.

ABOUT THE COMPANY

The bioeconomy start-up traceless materials GmbH was founded in Hamburg in 2020 by Anne Lamp and Johanna Baare. The diverse team currently comprises around 50 employees from fifteen countries, mainly from the technical fields of materials science, process engineering and production. Their mission is to make a real contribution to solving global plastic pollution, and as biomaterial pioneer drive the green transformation of the material sector.

After closing a 36.6 Mio. EUR Series A financing round in 2023, the team has started building their first large-scale production plant in Hamburg in 2024. With an output capacity of several thousand tons of traceless material per year, this facility will represent a significant step on the way to technology industrialization. The Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection is funding the project with an amount of 5,128,401 EUR from the Environmental Innovation Programme. Previously, traceless was funded by the EU Horizon Europe EIC Accelerator with 2.42 Mio. EUR.

Currently, material production is taking place on a pilot plant located in Buchholz i.d.N., near Hamburg. For the development of product applications, traceless cooperates with European brand owners and manufacturers such as OTTO, Lufthansa and C&A. A first pilot product in the packaging sector has been successfully tested on the market since 2022. The company has

also received numerous awards, including the German Entrepreneur Award and the German Sustainability Award/Next Economy Award.

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PRESS INFO

Further information and press images for download: <https://www.traceless.eu/press-media>

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