Steinhagen, February 20th, 2024

**Plasmatreat GmbH - award-winning innovation leader**

Company receives another award for its innovative strength

**In addition to awards such as the Würth Future Champion Award (2015), the Plastics Innovation Award Plastics in OWL (2017) and the Global SMT Award in the field of plasma systems (2023), since the beginning of February Plasmatreat GmbH from Steinhagen, North Rhine-Westphalia, has been the newly crowned Innovation Champion 2024: the company has been awarded the TOP 100 Signet 2024. This award is only given to particularly innovative medium-sized companies. Science journalist Ranga Yogeshwar will personally congratulate Plasmatreat at the award ceremony on June 28 in Weimar.**

Plasmatreat is a leading company in the manufacture and development of atmospheric plasma systems and equipment. With its innovative technology and commitment to continuous development, the company has won several awards in recent years. These awards recognize Plasmatreat's innovation and ability to develop groundbreaking solutions for various industries. The awards are proof of the recognition of the high quality and added value that Plasmatreat offers its customers. The company's innovative strength is reflected in its ability to develop new applications for plasma technology and to optimize existing processes. "Our employees, especially in research and development and application technology, are constantly striving to push the boundaries of plasma technology, to set new standards in the industry and to open up new applications," explains Christian Buske, CEO of Plasmatreat GmbH. "For the electronics industry, for example, we introduced a special Plasma Treatment Unit (PTU for short) at the end of last year that revolutionizes production processes in semiconductor and power module manufacturing: inline in the production process, we enable the removal of the oxide layer on metal surfaces without the use of wet chemistry, which is harmful to the environment and to health. A revolution in terms of efficiency, environmental friendliness, cost and time savings.

**Award-winning innovation leader 2024**

In 2024, Plasmatreat once again won an award for its atmospheric plasma technology and innovative strength: Innovation researchers from the Vienna University of Economics and Business evaluated the innovative strength of the participating companies for the TOP 100 Award based on more than 100 criteria from five categories: Innovation-promoting top management, innovation climate, innovative processes and organization, external orientation/open innovation, and innovation success. Questions such as whether the companies were able to create new products, new services, new processes and new business models, and whether these achievements were by chance or the result of a structured and targeted approach were evaluated.

On June 28th, all Top Innovators of the year 2024 will gather at the "congress centrum weimarhalle" for the award ceremony as part of the German SME Summit. Ranga Yogeshwar will personally congratulate them on their TOP 100 success. "We want to use the award ceremony to talk to other top SME innovators and perhaps even initiate one or two joint projects," says Christian Buske, looking forward to the summer event.

More information is available at: [www.plasmatreat.com](http://www.plasmatreat.com) or

<https://www.plasmatreat.com/en/company/innovations-and-awards/>

(approx. 3,200 characters including spaces)

**Images and the corresponding captions can be found at the end of this document.**

***Info box:***

**How Openair-Plasma and PlasmaPlus optimize industrial processes.**

When plasma with its high energy level comes into contact with materials, it changes the surface properties, for example from hydrophobic to hydrophilic. Plasma technology requires only compressed air and electricity for operation. Fine cleaning with Openair-Plasma gently and reliably removes dust, release agents, additives, plasticizers and hydrocarbons from surfaces. Especially with non-polar plastics, plasma treatment achieves surface activation. It supports the increase of surface energy by introducing hydroxyl groups and thus improves adhesion in subsequent processes such as bonding, printing, painting and sealing. Plasmatreat's PlasmaPlus technology can also be used to create targeted functionalized surfaces with defined properties by applying (depositing) nanocoatings, e.g. as an additional adhesion promoter layer.

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**About Plasmatreat**

Plasmatreat is an international leader in the development and manufacture of atmospheric plasma systems for the pretreatment of substrate surfaces.

Whether plastic, metal, glass or paper – the industrial use of plasma technology modifies the properties of the surface in favor of the process requirements.

Openair-Plasma® technology is used in automated and continuous manufacturing processes in almost every industrial sector. Examples include the automotive, electronics, transportation, packaging, consumer goods and textile industry, but the technology, cost and environmental advantages of the plasma technology are used in medical technology and in the renewable energy sector as well.

The Plasmatreat Group has technology centers in Germany, USA, Canada, China, and Japan. With its worldwide sales and service network, the company is represented in more than 30 countries by subsidiaries and sales partners.

More information is available at: [www.plasmatreat.com](http://www.plasmatreat.com)

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**Images:**

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Thanks to its innovative technology and commitment to continuous development, Plasmatreat has received several awards in recent years. These awards recognize the company's innovative strength and ability to develop groundbreaking solutions for various industries. (Copyright: Plasmatreat GmbH)

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Christian Buske, CEO at Plasmatreat, is delighted with the awards and the recognition of the high quality and added value that Plasmatreat offers its customers.

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