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Press Release

DAS Environmental Experts Celebrates 35 Years: How Sustainable Infrastructure Is Becoming a Key Success Factor for the AI Industry

Dresden, June 22, 2026. DAS Environmental Experts looks back on 35 years of company history. Since its founding in 1991, the company has evolved from a specialized technology provider into a globally active partner to the semiconductor, display, photovoltaic, and high-tech industries. Today, DAS Environmental Experts employs more than 950 people worldwide and, with locations in Europe, Asia, and North America, is represented in the key growth markets of the global electronics industry.

The headquarters in Dresden has experienced particularly dynamic growth in recent years. There, the number of employees rose from 340 in 2022 to around 500 in 2026. This represents a 47 percent increase over four years. At the same time, more than 25 nationalities and cultures now shape the company's international corporate culture. "For 35 years, DAS Environmental Experts has stood for technological innovation, international growth and a consistent focus on the needs of an increasingly sustainable industry," says René Reichardt, Managing Director of DAS Environmental Experts. "Digital transformation, artificial intelligence, and global demand for semiconductors are currently driving the largest expansion of high-tech infrastructure in decades. Sustainability is no longer merely an environmental issue. It is becoming an infrastructure issue. Our task is to make the production environments of the next generation of chip factories more efficient, more resource-efficient, and more sustainable," adds Reichardt.

As a specialist in process waste gas and wastewater treatment, DAS Environmental Experts develops key infrastructure technologies for modern semiconductor manufacturing facilities. Today, the company is one of the world's leading specialized providers of point-of-use systems for process waste gas purification in semiconductor manufacturing. Four of the world's five largest semiconductor manufacturers are already part of DAS Environmental Experts' established customer base. The company's technologies are used in 45% of all semiconductor fabs (200 + 300 mm) worldwide. Securing these global capacities and ensuring the long service life of the equipment in the fabs' round-the-clock operations form the foundation of the global service organization, in which just over 52 percent of the total workforce is employed.



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The international teams work in close collaboration at the headquarters in Dresden as well as in nine branches across three continents. This global presence not only guarantees chip manufacturers fast response times and intensive on-site customer support but also ensures that DAS Environmental Experts maintains a constant eye on forward-looking industry trends. The fact that this partnership-based approach is effective is demonstrated by the trust our customers place in us: customer satisfaction with our services stands at an outstanding 96 percent.

A unique feature in the market is the combination of waste gas and wastewater treatment into an integrated subfab architecture. This makes DAS Environmental Experts one of the few providers worldwide that can technologically integrate both areas and offer customers comprehensive solutions for sustainable production sites. Wherever new chip factories are built, new requirements arise for water treatment, emissions reduction, energy efficiency, and resource utilization. It is precisely at this intersection that DAS Environmental Experts has been developing technologies for the industrial infrastructure of modern semiconductor manufacturing facilities for decades.

With its environmental technologies, DAS Environmental Experts is making a significant contribution to the decarbonization of energy-intensive industries. The company is pursuing ambitious sustainability goals throughout the entire value chain. For its own sites, DAS Environmental Experts plans to reduce direct and energy-related greenhouse gas emissions from Scope 1 and Scope 2 by 40 percent by 2030. Key measures include the transition to renewable energy at all locations, the electrification of the vehicle fleet, and further reductions in energy consumption. In the long term, DAS Environmental Experts aims to achieve net-zero emissions by 2050. The company is also implementing concrete measures to address indirect emissions along the value chain. The focus is on continuously improving the energy efficiency of waste gas treatment systems, more sustainable transportation concepts, and the development of low-emission technologies for customers, such as plasma technologies. Here, too, the goal is to reduce CO₂ emissions by 40 percent by 2030 and to achieve net-zero by 2050. Smart control software for semiconductor industry equipment (Tool Coupling) unlocks further savings potential in media consumption and CO₂ emissions. To this end, DAS Environmental Experts is collaborating with the Dresden-based startup algorismic GmbH to integrate its “Subfab360 ATC” software directly into its own Subfab architecture.



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The global growth of the semiconductor industry is opening up additional opportunities for DAS Environmental Experts. In Asia in particular, extensive new manufacturing capacity is currently being established for microelectronics, displays, and future technologies. Countries such as Taiwan, South Korea, China, Singapore, and Malaysia continue to invest heavily in expanding their industrial infrastructure. At the same time, Europe and North America remain key drivers of new investment through programs such as the European Chips Act and the U.S. CHIPS and Science Act. With its international locations and many years of industry expertise, DAS Environmental Experts is represented in all relevant technology regions and supports clients worldwide in the implementation of new production capacities. The expansion of data centers, AI infrastructure, and semiconductor capacity is fundamentally changing the requirements for industrial sites. Sustainability is no longer merely an afterthought in compliance. It is increasingly becoming an infrastructural prerequisite for growth, competitiveness, and technological sovereignty. The combination of engineering expertise, an international presence, and a clear focus on sustainable infrastructure forms the foundation for DAS Environmental Experts' continued growth. For DAS Environmental Experts, this anniversary is therefore not only an opportunity to reflect on its own development, but above all to look ahead to the challenges of the coming decades. The next generation of chip factories will not be measured solely by their computing power, but also by their ability to use resources efficiently, reduce emissions, and enable sustainable growth. For 35 years, DAS Environmental Experts has been developing technologies for an industry that cannot grow without a high-performance environmental and resource infrastructure. What once began as environmental technology is now a central building block for the sustainable scaling of the global semiconductor and AI industries.

DAS Environmental Experts, founded in Dresden in 1991, is an internationally recognized technology leader in industrial waste gas treatment and water treatment. Innovative solutions help companies in the semiconductor, solar, chemical, food, and pharmaceutical industries achieve environmental compliance and sustainable resource management. With over 950 employees and branches in nine countries, the company combines global expertise with a local presence. Its products are manufactured in Germany and stand for the highest quality and flexibility. The portfolio is complemented by comprehensive services for waste gas and wastewater treatment, as well as innovation and support centers in Dresden, Taiwan, and the U.S. DAS Environmental Experts continuously invests in sustainable research at its own innovation campus in Dresden and shares technological advances with customers, employees, and society. Learn more at: www.das-ee.com

Images available for download at:

http://datas.weichertmehner.com/35_Jahre_DAS_EE.zip



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Caption:

das_environmental_experts_35_jahre_jubilaeum_moderation.jpg

BU: A festive atmosphere at the company's 35th anniversary: Managing Director René Reichardt looks back on a successful company history.

Picture: das_environmental_experts_lizzy_jubilaeumsfeier.jpg

Caption: The mascot, Lizzy35, is celebrating the 35th anniversary of DAS Environmental Experts together with guests and the company's more than 950 employees worldwide

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