



Press Release

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Electrification and 100% renewable energy enable zero fossil fuel operations at two key Adhesive Technologies flagship sites in India, Middle East & Africa

Henkel advances decarbonized operations with carbon-neutral sites in Kurkumbh, India and Gebkim, Türkiye

- **Fossil fuel-free production: Both sites achieved zero Scope 1 emissions through full electrification and elimination of furnace oil and natural gas usage.**
- **100% powered by renewables: Full renewable electricity sourcing reduces Scope 2 emissions to zero, supported by solar, thermal and certified green energy.**
- **Driving global impact: Milestones support Henkel Adhesive Technologies' 2030 sustainability goals and demonstrate scalable decarbonization in action.**

Düsseldorf – Henkel has reached a major milestone in advancing its global sustainability strategy within the Adhesive Technologies business unit by achieving carbon-neutral production at their flagship sites in Kurkumbh, India and Gebkim, Turkey. The factories have successfully eliminated Scope 1 and Scope 2 emissions, marking a significant step forward in Henkel's ambition to decarbonize its operations by 2030. These achievements are further contributing to Henkel's science-based climate targets, which focus on reducing operational greenhouse gas emissions through energy efficiency, electrification, and the phase-out of fossil fuels, while scaling renewable energy across all production sites globally.

At Kurkumbh, carbon-neutral operations were achieved by replacing furnace oil-based thermic fluid heaters with high-efficiency electric systems, eliminating fossil fuel use. This transformation required a comprehensive upgrade of the site's energy infrastructure, including the optimization of heat loads, the installation of advanced high-efficiency heat exchangers and significant investments in electrical capacity to support full electrification. Combined with

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the transition to 100% renewable electricity, these measures enabled the complete elimination of both Scope 1 and Scope 2 emissions of approximately 11300 tons of CO₂ equivalent, marking a major milestone in the site's decarbonization journey.

At its Gebkim Plant in Türkiye, Henkel has implemented a landmark electrification project by fully replacing a natural gas-fired boiler with a high-efficiency electric boiler system. This transition eliminated direct fossil fuel use at the site and reduced Scope 1 emissions to zero resulting in an annual reduction of approximately 956 tons of CO₂ equivalent.

To complement this, the site has transitioned entirely to 100% renewable electricity, combining onsite solar generation with International Renewable Energy Certificates (I-REC). As a result, Scope 2 emissions have also been reduced to zero, while the improved efficiency of the new system enables the site to maintain production output with lower total energy consumption. Through this combination of electrification and renewable energy sourcing, the Gebkim Plant has achieved full decarbonization across Scope 1 and Scope 2, becoming one of Henkel's leading examples globally of how fossil-fuel-free operations can be realized at scale.

"Achieving carbon-neutral production at two of our key Flagship sites in IMEA is a strong step forward in delivering on Henkel Adhesive Technologies' global sustainability ambitions," commented Simon Ulmann, Vice President Supply Chain & Operations IMEA at Henkel Adhesive Technologies on the latest milestone. "Our ambition is clear: we are systematically eliminating fossil fuels from all our operations and replacing them with electrified processes powered by renewable energy. Our manufacturing milestone in both Kurkumbh and Gebkim show how we can translate our strategy into tangible impact at site level, accelerating our journey toward net-zero operations."

"Achieving carbon neutrality at our Kurkumbh site underscores our strong commitment to sustainable growth, responsible manufacturing, and operational excellence," said Bappa Bandyopadhyay, Director Operations & Projects India at Henkel Adhesive Technologies. "Through renewable energy adoption and continuous efficiency improvements, we have significantly reduced our carbon footprint while upholding the highest standards of safety, quality, and performance. This milestone shows that sustainability and business performance can advance together to create long-term value."

Adding to that, Mehmet Yilmaz, Director Operations & Projects Middle-East & Africa at Henkel Adhesive Technologies said: "The transformation of our Gebkim Plant is a concrete example of how electrification can fundamentally change industrial operations. By moving to a fully electric system and renewable energy, we have eliminated fossil fuel usage

completely, demonstrating what is possible when innovation, technology, strong teamwork and dedication come together.”

By scaling electrification and renewable energy adoption, Henkel is accelerating the decarbonization of its global production network. These transformations play a critical role in achieving the company’s broader net-zero ambition of reducing the carbon footprint of its operations and value chain while enabling customers to meet their own sustainability goals. This milestone underline Henkel’s commitment to leading the transformation toward sustainable industry, demonstrating that fossil fuel-free manufacturing is both achievable and scalable across regions.

About Henkel

With its brands, innovations and technologies, Henkel holds leading market positions worldwide in the industrial and consumer businesses. The business unit Adhesive Technologies is the global leader in the market for adhesives, sealants and coatings. With Consumer Brands, the company holds leading positions especially in laundry & home care and hair in many markets and categories around the world. The company’s three strongest brands are Loctite, Persil and Schwarzkopf. In fiscal 2025, Henkel reported sales of about 20.5 billion euros and adjusted operating profit of around 3.0 billion euros. Henkel’s preferred shares are listed in the German stock index DAX. Sustainability has a long tradition at Henkel, and the company has a clear sustainability strategy with specific targets. Henkel was founded in 1876 and today employs a diverse team of about 47,000 people worldwide – united by a strong corporate culture, shared values and a common purpose: “Pioneers at heart for the good of generations.” More information at www.henkel.com

About Henkel India

Henkel in India has two legal entities, namely, Henkel Adhesives Technologies India Private Limited (a wholly owned subsidiary of Henkel) and Henkel Anand India Private Limited (a joint venture company of Henkel and Anand Group). The adhesive technologies business operates primarily in the business-to-business realm in the country, while in the consumer brands business, Henkel is present in the “hair” category. Headquartered in Navi Mumbai, the adhesive technologies business has a footprint comprising four manufacturing sites, two innovation centers, a customer experience center, a flexible packaging academy and three application centers serving the footwear, consumer electronics and electronics industries, respectively. Its hair business has five Schwarzkopf Professional academies across the country. Further enhancing Henkel’s innovation ecosystem is its Global Technology Center, designed to help implement innovations quickly and build future-oriented digital competencies at the company. Henkel employs over 1,700 employees across these sites. More information at www.henkel.in.

About Henkel Türkiye

Founded in Türkiye in 1963, Henkel operates in two strategic business units, Adhesive Technologies and Consumer Brands, with nearly 850 employees. Henkel Türkiye’s headquarters is located in Istanbul, while its production sites are in Gebkim, Tuzla, and Ankara. In addition, the company has regional sales offices in Izmir and Ankara.

Photo material is available at www.henkel.com/press

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Henkel Adhesive Technologies has achieved carbon-neutral production at its flagship site in Kurkumbh, India.



Henkel Adhesive Technologies has achieved carbon-neutral production at its flagship site in Gebkim, Turkey.