

News Release

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BASF's Performance Materials division plants run entirely on renewable electricity in Europe as of 2025

- **At the turn of the year, BASF's Performance Materials division switched all its European plants to renewable electricity**
- **Valid for Engineering Plastics, Polyurethanes, Thermoplastic Polyurethanes and Specialty Polymers**
- **Green transformation backed by significant investment**

Ludwigshafen, Germany, January 28, 2025. On January 1, 2025, BASF's Performance Materials division completely switched all its European sites to renewable electricity. "As BASF, we want to enable our customers green transformation, and we believe it starts with us. This is our ambition and the goal of #OurPlasticsJourney," said Martin Jung, President of BASF's Performance Materials division. "The use of electricity from renewable sources such as wind or solar is necessary to achieve our climate targets." The changeover applies to the compounding of Engineering Plastics, Polyurethanes and Thermoplastic Polyurethanes and Specialty Polymers. With the turn of the year, in total nine Performance Materials production sites across Europe have been converted.

Renewable electricity also plays an important role in the whole value chain such as in the choice of suppliers. For example, [BASF Performance Materials sources glass fibers](#) for the reinforcement of plastics from 3B Fibreglass, one of BASF's suppliers that uses solar panels to generate electricity and has thus significantly reduced its

carbon emissions. The reduced CO₂ footprint of glass fibers is transferred to BASF's products and ultimately to its customers. Such improvements will also apply within BASF's value chain, to produce base polymers and other precursors for Engineering Plastics and Polyurethanes. "Ludwigshafen, as the world's largest integrated chemical complex, cannot switch completely to renewable electricity from one day to the next. Our own combined cycle gas power plants produce electricity and process steam with a 95% efficiency at emissions far below the average grid level. The switch at this site has to be done gradually and we, at Performance Materials, are a leading part of this transformation," adds Alexander Weiser, Senior Vice President, Head of BASF Performance Materials Europe.

Within the next few years, BASF intends to continuously convert all its operations globally to renewable electricity. This will be achieved through the expansion of renewable energy production via significant projects. For example, the world's biggest offshore windfarm owned by BASF and Vattenfall and located on the Hollandse Kust Zuid started its operations in 2023 and enables innovative, emission-free technologies at several production sites all over Europe. Schwarzheide, BASF's second largest site in Germany, now integrates a 24-megawatt capacity from solar energy. "However, renewable electricity is not the only lever for reducing CO₂ emissions. Green steam made from the electrification of processes and the use of alternative raw materials via the mass balance approach play an essential role in the transformation towards a sustainable chemical industry," adds Jung.

BASF aims to reduce its greenhouse gas emissions by 25 percent by 2030 compared to the base year 2018 and become climate-neutral by 2050. To achieve this ambitious goal, BASF is increasingly focusing on renewable energy, optimizing raw material procurement and production processes, and promoting and implementing a circular economy.

For more information:

https://plastics-rubber.basf.com/global/en/performance_polymers/sustainability.html

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. Around 112,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €68.9 billion in 2023. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the United States. Further information at www.basf.com.

About BASF's Performance Materials division

BASF's Performance Materials division is at the forefront of the much-needed sustainability transformation in plastics. Our products are co-created with customers around the globe to bring innovations to four major industry sectors – transportation, consumer goods, industrial applications, and construction. Our R&D focuses on all stages of the plastics journey: Make, Use and Recycle. The MAKE phase is about improving how plastics are made, from product design to the choice of raw materials and the manufacturing process itself. The USE phase enhances plastics' strengths such as light weight, robustness, and thermal resistance. At the end of the product lifecycle, the RECYCLE phase looks at how to close the loop to achieve a circular economy. In 2023, the Performance Materials division achieved global sales of €7.2 billion. Join #OurPlasticsJourney at: www.performance-materials.basf.com.