

LANXESS Ningbo Plant Re-Earns Title of “Energy Efficiency Leader Benchmark Enterprise”

Shanghai, December 15, 2025 – The Ningbo Plant of German specialty chemicals company LANXESS has recently been recognized as a “2024 Benchmark Enterprise for Key Product Energy Efficiency Leaders in the Petroleum and Chemical Industry” by the China Petroleum and Chemical Industry Federation (CPCIF), in recognition of its outstanding energy efficiency performance in iron oxide red production. This marks the second time the plant has received this prestigious award.

The energy efficiency “leader list” released by CPCIF aims to promote the green and high-quality development of the industry. By establishing industry energy efficiency benchmarks, it guides enterprises to conduct energy efficiency benchmarking and continuously improve energy utilization efficiency. The LANXESS Ningbo Plant has maintained a leading energy efficiency level in the iron oxide pigment production category, reaffirming its strength in green manufacturing and energy efficiency management.

Innovative Processes Drive Green Production

As a key part of LANXESS’ global inorganic pigments production network, the Ningbo Plant has long been committed to the innovation and application of green processes. As China’s first iron oxide manufacturer certified as a “Green Factory” by the Ministry of Industry and Information Technology, the plant has adopted the innovative “Ningbo Process,” which uses special catalysts to convert nitrogen oxide and laugh gas in off gas into harmless nitrogen and water. The greenhouse gas emissions reduced by this process in one year are equivalent to the total carbon dioxide emissions of 300,000 Chinese households.

LANXESS’ green practices also extend to continuous innovation on the product side. For example, the newly launched Bayferrox® Scopeblue series of micronized iron oxide yellow pigments has further improved the sustainable product portfolio. These products

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are produced using more environmentally friendly raw materials and renewable energy, with a Product Carbon Footprint (PCF) reduced by approximately 35% compared to traditional Bayferrox® products – a figure verified through a Life Cycle Assessment (LCA) certified by TÜV Rheinland Germany.

Collaborating Across the Value Chain to Advance Climate Neutrality

LANXESS has set a goal to achieve climate neutrality across its upstream and downstream supply chains by 2050. To fulfill this commitment, the company launched the “Net-Zero Value Chain Program,” aiming to join hands with enterprises across the value chain to play a role in gradually achieving carbon reduction targets. Through three core pillars – sustainable raw materials, green logistics, and climate-neutral products – the program collaborates with upstream suppliers and downstream customers to build full-lifecycle carbon reduction capabilities.

LANXESS’ commitment to climate protection has been recognized by the Science Based Targets initiative (SBTi). The organization has validated LANXESS’ emission reduction targets and confirmed that the company is helping to limit global warming to a maximum of 1.5°C.

As a multinational enterprise deeply rooted in the Chinese market, LANXESS will continue to pursue the path of green and low-carbon development through technological innovation and energy efficiency improvement. It will also cooperate with local partners to contribute to the high-quality development of China’s chemical industry and the achievement of the “dual carbon” goals.

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Press Release

About LANXESS

LANXESS is a leading specialty chemicals company with sales of EUR 6.4 billion in 2024. The company currently has about 11,900 employees in 32 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products. LANXESS has achieved leading positions in the Dow Jones Best-in-Class Index and the MSCI ESG and ISS ESG ratings, among others, for its commitment to sustainability.

LANXESS China

On January 31, 2005, the company was initially listed on the Frankfurt Stock Exchange and LANXESS Chemical (China) Co., Ltd. officially started operations. LANXESS now has 9 subsidiaries, 7 R&D centers and production sites in Greater China. LANXESS works closely with its local partners to develop market-oriented solutions that meet local market needs.

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Forward-Looking Statements

This company release contains certain forward-looking statements, including assumptions, opinions, expectations and views of the company or cited from third party sources. Various known and unknown risks, uncertainties and other factors could cause the actual results, financial position, development or performance of LANXESS AG to differ materially from the estimations expressed or implied herein. LANXESS AG does not guarantee that the assumptions underlying such forward-looking statements are free from errors, nor does it accept any responsibility for the future accuracy of the opinions expressed in this presentation or the actual occurrence of the forecast developments. No representation or warranty (expressed or implied) is made as to, and no reliance should be placed on, any information, estimates, targets and opinions contained herein, and no liability whatsoever is accepted as to any errors, omissions or misstatements contained herein, and accordingly, no representative of LANXESS AG or any of its affiliated companies or any of such person's officers, directors or employees accepts any liability whatsoever arising directly or indirectly from the use of this document.

Information for editors:

All LANXESS news releases and accompanying photo, video and audio materials can be found at <http://www.lanxess.cn>, <http://www.weibo.com/lanxess>, or LANXESS' official WeChat account: lanxess_china (QR code provided below)



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