

News Release

Oerlikon and MTU Aero Engines sign development cooperation agreement

Paris, France, June 20, 2023 – **Oerlikon and MTU Aero Engines intend to collaborate on the further development of engine parts, materials, and surface technologies for aero engines. Today at the Paris Air Show, the two companies – represented by Dr. Sven Hicken (CTO of Oerlikon Surface Solutions) and Dr. Silke Maurer (COO at MTU Aero Engines) – signed a five-year agreement to this effect. Both partners will contribute their unique technological know-how and industry expertise to further optimize the efficiency and sustainability of engine parts.**

The collaboration will focus on the development of future coatings and materials and will cover various aspects, including automation, digitization, and the associated industrialization for both series applications (OEM business) and the maintenance sector (MRO – Maintenance, Repair and Overhaul).

On behalf of MTU Aero Engines, COO Dr. Silke Maurer explained, "Coatings are becoming increasingly important in engine manufacturing. They are a key success factor because they enable engines to be designed even more efficiently and in a more environmentally friendly manner." She continued, "This partnership brings together two experts who are working together to develop innovative surface solutions for technologically sophisticated engine parts."

This partnership further strengthens Oerlikon's position in the field of advanced materials and surface technologies for the aerospace industry. "This long-term agreement is a sign of the trust MTU has in our surface technologies. With our expertise in high-end surface solutions, materials and advanced manufacturing technologies, we can deliver a vertically integrated approach that improves engine fuel efficiency and thus contributes to the sustainability of the entire industry," says Dr. Sven Hicken, CTO of Oerlikon Surface Solutions.

About the Oerlikon Surface Solutions Division

Oerlikon is a leading global provider of surface and additive manufacturing solutions and services. The division offers an extensive portfolio of market-leading thin-film, thermal spray and additive manufacturing technologies, equipment, components and materials. Emission reduction in transportation, maximized longevity and performance of tools and components, increased efficiency and intelligent materials are hallmarks of its leadership. Pioneering technology for decades, the division serves customers with standardized and customized solutions across a worldwide network of more than 167 sites in 37 countries.

With its technology brands – Oerlikon Balzers, Oerlikon Metco and Oerlikon AM – Oerlikon's Surface Solutions division focuses on technologies and services that improve and maximize performance, function, design, reliability and sustainability, which are innovative, game-changing advantages for customers in the automotive, aviation, tooling, general industries, luxury, medical, semiconductors, power generation and oil & gas markets.

The division is part of the publicly listed Oerlikon Group, headquartered in Switzerland, which has 12 100 employees and generated CHF 2.9 billion in revenue in 2022.

For further information visit www.oerlikon.com/surface-solutions

About MTU Aero Engines

MTU Aero Engines AG is Germany's leading engine manufacturer. The company is a technological leader in low-pressure turbines, high-pressure compressors, turbine center frames as well as manufacturing processes and repair techniques. In the commercial OEM business, the company plays a key role in the development, manufacturing and marketing of high-tech components together with international partners. Some 30 percent of today's active aircraft in service worldwide have MTU components on board. In the commercial maintenance sector the company ranks among the top 3 service providers for commercial aircraft engines and industrial gas turbines. The activities are combined under the roof of MTU Maintenance. In the military arena, MTU Aero Engines is Germany's industrial lead company for practically all engines operated by the country's military. MTU operates a network of locations around the globe; Munich is home to its corporate headquarters. In fiscal 2022, the company had a workforce of more than 11,000 employees and posted consolidated sales of 5.3 billion euros.

For a full collection of press releases and photos, go to <http://www.mtu.de>

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