



Press Release

Backnang, 27 March 2026

stoba is a member of ARENA2036

Focus on AI-driven production technologies and humanoid robotics

Since early 2026, stoba has been a new member of [ARENA2036](#) (“**A**ctive **R**esearch **E**nvironment for the **N**ext generation of **A**utomobiles”), one of the key research platforms for future-oriented production technologies in Germany. By joining, the company is strengthening its technological development work in the areas of artificial intelligence, machine-side data analysis, and industrially applicable robotics.

The collaboration enables stoba to test new technologies early on under real-world conditions and further develop them together with experienced partners. The focus is on practical applications—such as AI-supported testing processes, intelligent quality monitoring, or the potential use of humanoid robot systems to support repetitive tasks. The goal is to make production processes more efficient, stable, and ergonomic while simultaneously leveraging employee expertise in a targeted manner.

“ARENA2036 is an ideal real-world laboratory for us. There, we have the opportunity to test things that we cannot try out in our own facilities. This is because here we can draw on infrastructure as well as partners with excellent know-how and hardware, enabling us to develop new processes and products,” says Dr. Christian Peschke, CTO of stoba. COO Gerhard Firlbeck adds: “We automate where recurring standard tasks are involved—not to replace skilled workers, but to deploy them for qualified tasks. Membership in ARENA2036 supports us in continuing down this path with a solid technological foundation.”

By joining ARENA2036, stoba continues its focus on AI-supported production, intelligent manufacturing systems, and application-oriented robotics. The first joint project work is already underway, with additional focus areas to follow in the course of the year.

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About stoba:

stoba is an international technology partner specializing in the development, production, and assembly of precision components and systems. Since its founding in 1961 in Backnang (Baden-Württemberg), stoba has grown into a globally active group of companies with over 1,000 employees and eight locations worldwide (Backnang, Kaufbeuren, Memmingen, Weinstadt, Brno, Charleston, Small Dole, Yantai). stoba operates in a wide range of industries worldwide and develops high-quality manufacturing and system solutions based on sophisticated components, process reliability, and industrial implementation expertise. In the 2025 fiscal year, stoba produced more than 100 million parts and generated revenue of 190 million euros.

In 2026, stoba celebrates 65 years of high-tech innovation and 40 years of commitment as a training company, making it a reliable partner for customers and future skilled workers.

www.stoba.one

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Geschäftsführer: Christoph Bode und Gerhard Firlbeck / The company is a limited partnership Reg'd office Stuttgart HRA 724719. Shareholder: stoba Holding Verwaltungs-GmbH Backnang, reg'd office Stuttgart HRB 722741-General Management: Christoph Bode and Gerhard Firlbeck