

Press Release

FEV expands benchmarking offering

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Aachen (Germany), March 2025 – FEV has started operations of its new Benchmark Center (BMC) in Aachen. Thus, the globally leading development service provider in the fields of mobility, software and energy is continuously expanding its many years of experience in benchmarking. FEV offers its customers an extended range of services at the BMC, ranging from comprehensive analyses of entire vehicles to targeted support at component or technology level.

“The demand for benchmarking analyses has been growing, not just since the increasing proportion of new battery-electric models and corresponding manufacturers worldwide,” said Christian Speuser, Director Benchmarking at FEV. “With the latest extensions, we are responding to this situation and can provide our customers with a decisive development advantage through our analysis results.”

In Aachen, the new Benchmark Center (BMC) with an extended range of services is located on an area of 1,250 m² at the company headquarters, in the immediate vicinity of the FEV engineering department. “The physical proximity allows us to put together interdisciplinary teams of experts flexibly in terms of time and

subject matter, for example for holding workshops. This allows us to draw back on over 45 years of engineering experience in the automotive sector alone and tailor this to our customers' projects in the best possible way," said Alexander Koch, Head of BMC in Aachen. In addition to valuable expertise, the BMC utilizes the latest technology. For example, modern material analysis and X-ray equipment as well as 3D scanners are used for documentation and analysis.

The new Benchmark Center features an exhibition area of 400 m², where visitors can experience vehicles, and their hardware live and directly discover the differences and advantages of individual components or systems. A further space of 650 m² are used for documentation and workshop rooms, a photo studio as well as offices and meeting rooms. Workshops and ideation projects are realized on 200 m² in the Innovation Lab. In the direct presence of the benchmarking hardware, spaces have been created that are designed for creativity and maximum output of the working teams in a pleasant atmosphere.

All data collected during the analyses to date and in the future will be integrated into the new cloud-based FEV benchmarking database "carat". "This will make it even easier for our customers to use the results optimally for their individual purposes," said Christian Speuser. In the future, customers will be able to analyze and compare data at all levels of the vehicle via the customizable database.

With the new BMC in Aachen, FEV can draw back on a worldwide network of four benchmark centers. Besides Aachen, these are located in the USA, India and China.

As part of the global expansion, the team in the USA recently expanded its capacity and now performs state-of-the-art benchmarking services on a total of 1,800 m² in the Detroit area.

The focus is on teardown analysis and evaluation of component design, manufacturing, supply chain and costs. Furthermore, FEV carries out controlled level-2 tests at vehicle and system level. In addition, battery electric powertrains and their components as well as hydrogen ICEs are also tested.

FEV's benchmark experts are currently analyzing Tesla's Cybertruck and the Audi SQ6 e-tron. Further information on the benchmarking offer can be found [here](#).

Footage:



Caption: At the new Benchmark-Center at FEV in Aachen, customers can experience benchmarking at their fingertips. Source: FEV



Caption: The Aachen benchmarking team is currently putting Audi's latest electric SUV, the SQ6 e-tron, through its paces. Source: FEV



Caption: The team at the Vehicle Development Center in Detroit (USA) is analyzing Tesla's Cybertruck. Source: FEV

About FEV

FEV has always pushed the limits.

FEV is a globally leading engineering provider in the automotive industry and internationally recognized leader of innovation across different sectors and industries. Professor Franz Pischinger laid the foundations by combining his background in academia and engineering with a great vision for continual progress. The company has supplied solutions and strategy consulting to the world's largest automotive OEMs and has supported customers through the entire transportation and mobility ecosystem.

As the world continues to evolve, so does FEV.

That's why FEV is unleashing its technological and strategic expertise into other areas, applying its forward thinking to the aerospace and energy sectors. Thanks to its software and system expertise, the company also leads the way making intelligent solutions available to everyone. FEV brings together the brightest minds from different backgrounds and specialties to find new solutions for both current and future challenges.

But FEV won't stop there.

Looking ahead, FEV continues to push the limits of innovation. With its highly qualified 7,000 employees at more than 40 locations globally, FEV imagines solutions that don't just meet today's needs but tomorrow's. Ultimately, FEV keeps evolving – to a better, cleaner future built on sustainable mobility, energy and software that drives everything. For the company's partners, its people and the world. [#FeelEVolution](#)