



## Press Release

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Henkel and RWTH Aachen University's spin-off PEM Motion sign a cooperation agreement aiming to pioneer next generation battery technologies

### **Henkel's E-Mobility business unit establishes a strategic partnership with PEM Motion**

Düsseldorf – Henkel has entered a strategic partnership with RWTH Aachen University's Production Engineering of E-Mobility Components (PEM Motion GmbH) to collaborate on research projects in the field of e-mobility. By building a strong partnership between industry and academia, the organizations will pioneer next generation battery technologies, explore material requirements for their realization and in the development of safer and more sustainable batteries. The cooperation agreement was signed at Henkel's Inspiration Center in Düsseldorf on February 4, by Dr. Christoph Deutschens, CEO of PEM Motion, Professor Achim Kampker, head of the chair "Production Engineering of E-Mobility Components" (PEM) of RWTH Aachen University and Partner at the spin-off PEM Motion, and George Kazantzis, Corporate Vice President Adhesive Technologies, Automotive Components at Henkel.

"As a leading supplier to the global automotive industry, Henkel has been working closely with its customers to develop the solutions, processes and materials that have underpinned the rapid commercialization of battery technologies at scale," said Henkel's George Kazantzis. "With this exciting new partnership, we will be able to add further value to our customers through future-oriented projects that leverage PEM Motion's unique expertise in state-of-the-art technology concept validation."

As part of the agreement, the Aachen-based company will provide consulting and engineering services concerning e-mobility, from product design to business development, prototyping and testing. Through the adoption of agile processes and the sharing of equipment and resources, the partner organizations will address concrete challenges such as Battery safety (Thermal Propagation Prevention) and the ease of battery disassembly for

repair and recyclability as well as sharing insights via an ongoing thought leadership program.

This will include joint conference presentations, expert days, and events focused on electric vehicle production, many of which will be hosted at Henkel's new Inspiration Center in Duesseldorf.

"In collaboration with Henkel, we will address some of the most pressing challenges in the field of e-mobility," said PEM chair holder and PEM Motion partner Professor Achim Kampker. "By bringing together our shared visions of a safer, more sustainable future with Henkel's deep industry expertise, we will create a forum for thought leadership and a pathway to implementing new ideas in the vehicles of tomorrow."

"Our new partnership with PEM Motion exemplifies Henkel's dedication to innovation and open collaboration," said Dr. Christian Kirsten, Corporate Senior Vice President Adhesive Technologies Automotive & Metals. "By forging a powerful network that connects leading-edge academic research, to the industry supply chain and automotive OEMs, we will help our customers successfully advance in this highly dynamic period for e-mobility and battery technologies."

#### **About Henkel**

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. In its Laundry & Home Care and Beauty Care businesses, Henkel holds leading positions in many markets and categories around the world. Founded in 1876, Henkel looks back on more than 140 years of success. In 2021, Henkel reported sales of more than 20 billion euros. The company employs about 53,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose, and shared values. As a recognized leader in sustainability, Henkel holds top positions in many international indices and rankings. Henkel's preferred shares are listed in the German stock index DAX. For more information, please visit [www.henkel.com](http://www.henkel.com).

#### **About PEM Motion**

PEM Motion GmbH was founded in 2014 from the chair for "Production Engineering of E-Mobility Components" (PEM) at RWTH Aachen University. The company around CEO Dr. Christoph Deutschens is primarily active in the field of electromobility. Its activities range from product development and production design of alternative drive components such as battery cells and electric motors to infrastructure projects and the industrialization of mobility products. The customer base includes automotive manufacturers as well as mobility providers, suppliers, and start-ups. PEM Motion is represented with more than 70 employees in Europe and North America at a total of five locations.

**Photo material is available at [www.henkel.com/press](http://www.henkel.com/press)**

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**The following photo material is available**



The cooperation agreement was signed at Henkel's Inspiration Center in Düsseldorf on February 4, by Professor Achim Kampker, Chair Holder and Partner at PEM (left), and George Kazantzis, Corporate Vice President Adhesive Technologies, Automotive Components, Henkel (right).