

## **Joint Press Release**

Neukirchen-Vluyn/Geldern (Germany), 23. November, 2021

### **PEER Energy and Schwing Technologies sign cooperation agreement**

With immediate effect, the two German companies PEER Energy GmbH and Schwing Technologies GmbH are cooperating. The signing of the long-term cooperation agreement took place at the end of October 2021. The aim of the agreement is the further technical development and marketing of fluidized bed technology for the heat treatment of metal components. The partnership between the two companies focuses on combining innovative quenching processes with fluidized bed technology. It includes, in particular, research results and developments of heat transfer rates. The application focus is on faster and more uniform heating and cooling processes for metal parts with the aim of conserving resources and further reducing unit costs.

"We are pleased to cooperate with Schwing Technologies. Together with the proven technology leader for fluidized bed heat treatment and with our latest approaches, we want to open up opportunities in new heat treatment markets," emphasizes Ralf Giebmanns, Managing Director of PEER Energy. "With our new generation of heat treatment processes, industrial transformation can be further advanced in these applications as well."

Andreas Guderjahn, heat treatment expert at Schwing Technologies, is also pleased about the partnership. For him, one thing is certain: "We will make use of the extensive knowledge and vast experience of the PEER Energy team for the analysis and design of heat treatment lines and jointly develop innovative processes."

By means of heat treatment, the mechanical properties of conventionally or additively manufactured components are adapted to their static or dynamic application requirements. In this context, the proven and established fluidized bed technology is known for its superior temperature uniformity, robustness and flexibility. It scores particularly well when it comes to high throughput with consistently high quality.



Ralf Giebmanns (PEER Energy) and Andreas Guderjahn (Schwing Technologies) want to further advance heat treatment processes and develop new resource-saving and cost-cutting processes with the new G4Q® bath medium

Photo credit: SCHWING Technologies

Download: <https://drive.google.com/file/d/1jvuK9d93mYAqRZ2xenYRhVrivqnRmJ4Q/view?usp=sharing>

### **About Schwing Technologies**

Schwing Technologies has been operating for over 50 years and is the worldwide technological leader for high-temperature systems for heat treatment, thermal cleaning and thermo-chemical finishing of metal parts and tools. The owner-managed company designs, manufactures, and operates its systems at its headquarters in Neukirchen-Vluyn in Germany's Lower Rhine region. For every need, the machinery manufacturer with its approximately 100 employees offers the most economically, ecologically and qualitatively best technology and system solution. Founded in 1969, the company celebrated its 50th anniversary in 2019 and opened Schwing Technologies North America Inc., a new sales company in the USA, in that year. Further information: [www.schwing-technologies.com](http://www.schwing-technologies.com)

### **About PEER Energy**

PEER Energy is an international project planning and engineering company with 20 years of project experience based in Geldern in Germany's Lower Rhine region. The company is a specialist for technical and commercial investment analyses of thermo process plants, machines and accessories. Core business is the structuring of efficient heat treatment lines for thermal and thermo-chemical treatment of metals, technical ceramics, composites and new materials. Further information: [www.peerenergy.de](http://www.peerenergy.de)

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