

PRESS RELEASE

Efficient Energy GmbH Augments Management Team with Dr.-Ing. Klaus Gebauer and Launches Development Offensive

Dr.-Ing. Klaus Gebauer appointed Head of Engineering.

Feldkirchen, 17. November 2020. Dr.-Ing. Klaus Gebauer joined the Efficient Energy GmbH management team as Head of Engineering on 01 November. The 61-year-old is in charge of the company's entire predevelopment, development and production activities and, as such, responsible for the strategic alignment and implementation of the development and expansion of the laboratory and production infrastructure. Through his work at Efficient Energy GmbH, Dr.-Ing. Gebauer says he wants to further advance the company's proprietary Blue^{zero}® technology which uses water as a refrigerant, and thereby contribute to the fight against the climate crisis.



Efficient Energy GmbH management team from left to right: Klaus Gebauer (Head of Engineering), Georg Dietrich (CEO), Thomas Bartmann (Head of Sales, Marketing and Service).

Dr.-Ing. Klaus Gebauer rounds off the Efficient Energy GmbH management team alongside Georg Dietrich (CEO) and Thomas Bartmann (Head of Sales, Marketing and Service). Gebauer, who has a doctorate in combustion engines and measuring technology, looks back on many years' experience in managing R&D, engineering and operating divisions for mechanical, electronic and optical systems. He has worked over the past 25 years for prominent international automotive suppliers and manufacturers, medium-sized technology groups and smaller CHP and plant manufacturers.

With his special interest in sustainable technical solutions, Gebauer is now looking forward to playing a pioneering role in further developing Clean Cooling systems using water as a refrigerant. Gebauer sees the particular challenge in his new role as "exhausting the full potential of this forward-looking technology, which can be a crucial element in our efforts to halt the climate crisis. I'm thrilled to be working with the experts in my team on further diversifying the Blue^{zero}® product range and thereby helping our customers reduce their carbon footprints." Efficient Energy GmbH CEO, Georg Dietrich, is delighted to have gained such an accomplished expert and is confident that "with Dr.-Ing. Gebauer, Efficient Energy GmbH has onboarded a well-connected and highly experienced technology

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professional. With his expertise, he can help the company to come one step closer to its vision of a world in which cooling is exclusively climate-neutral.”

Gebauer was appointed at a strategically important time for the company. Efficient Energy GmbH recently introduced the eChiller120, the new model of the eChiller series with up to 120 kW refrigeration capacity. With this chiller, customers with greater cooling requirements can also now use Clean Cooling with water as the refrigerant. Moreover, the implementation of the next F-Gas Phase Down stage in 2021 will result in increased demand for cooling systems using natural refrigerants. Efficient Energy GmbH is exploiting this industry upheaval for a development offensive and is already working on the rapid diversification of its product range. The company is also focusing on cultivating strong OEM partnerships to broaden the application range for its technology and leverage the use of its systems to mitigate the refrigeration industry’s negative climatic impact.

About Klaus Gebauer



Klaus Gebauer, born 1959, studied mechanical engineering at the Technische Universität Braunschweig and was awarded a doctorate in combustion engines and measuring technology. He has worked over the past 25 years for prominent international automotive suppliers and manufacturers, medium-sized technology groups and smaller CHP and plant manufacturers. He has managed R&D, engineering and operating divisions for mechanical, electronic and optical systems. Klaus Gebauer has both many years’ international management responsibility as well as extensive know-how in research into innovative materials and new production processes. He has developed changes and launched new products, managed divisions in growth phases and been in charge of restructuring and change processes.

About Efficient Energy

Efficient Energy GmbH is an innovative manufacturer and system supplier of environmentally friendly refrigeration technology, based in Feldkirchen near Munich, Germany. The company uses pure water (R718) as the refrigerant in its eChiller product range, and thereby entirely avoids fluorinated refrigerants. Efficient Energy helps its customers overcome the increasing regulatory challenges of refrigeration technology, and offers them long-term, sustainable solutions with its eChiller model range. With its outstanding cost efficiency and low CO2 footprint, companies benefit on many fronts. The pioneering technology has also been noticed by politics and the media, and has received multiple awards for the eChiller. These include: the Deutscher Rechenzentrumspreis 2017 in the category “DC Air Conditioning & Cooling”, the RAC Cooling Industry Award 2017, the Partslife Umweltpreis 2017, the Deutscher Kältepreis 2016, the European Business Award for the Environment 2018/2019 from the EC and the Red Herring Top 100 Europe.

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