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NexWafe Names New CTO to Bring its Green Silicon Photovoltaic Technology from Pilot Prototyping to Production

Freiburg, Germany, April 21, 2021 – [NexWafe GmbH](#) today named [Dr. Dirk Habermann](#) its Chief Technology Officer. Dr. Habermann brings extensive experience in delivering products from small batch piloting to full production manufacturing at some of the photovoltaic industry's top manufacturing companies.

NexWafe is pioneering the use of a proprietary green silicon manufacturing process fully compatible with conventional solar cell manufacturing. The result is ultra-thin, high-efficiency, monocrystalline silicon wafers that can lower their production costs while increasing solar panel efficiency.

Prior to his new position at NexWafe, Dr. Habermann served as a consultant to NexWafe while heading H2GEMINI Technology Consulting GmbH in Switzerland. H2GEMINI develops and markets technology solutions for photovoltaics, wind energy and energy storage systems. Prior to H2GEMINI, Mr. Habermann served as Chief Innovation Officer and CTO at Switzerland-based Meyer Burger Technology AG, a leading European photovoltaic (PV) company, after being elevated from his role as Head of Process, Material and Line Design there. Other industry roles he has held include VP of R&D at the Schmid Group, Technical Director of SCHMID Technology Systems GmbH, and Process Manager at RENA GmbH.

"NexWafe recently completed a [€10 million round of funding](#), putting us on our way to pilot production and beyond," said Davor Sujita, CEO of NexWafe. "Dr. Habermann will be instrumental in accelerating the pace of our wafer development so manufacturers can start building even more efficient photovoltaic cells into their solar panels as part of the global energy transition."

Prior to working in the photovoltaics industry, Dr. Habermann worked as a consultant to electronics companies while also serving as an Assistant Professor in Experimental Physics at the Technical University Bergakademie Freiberg.

About NexWafe GmbH

[NexWafe GmbH](#) designs, develops and pilots a proprietary process to produce ultra-thin, high-efficiency, monocrystalline green solar wafers to make photovoltaics more sustainable and efficient. Fully compatible with conventional solar cell manufacturing, NexWafe offers a 70% reduction in carbon dioxide emissions during manufacturing. NexWafe's continuous, direct gas-to-wafer manufacturing process also minimizes waste, resulting in wafers that are 30% less expensive than conventional wafers. NexWafe's in-line, ultra-scalable process shatters cost down roadmap barriers and inherently supports the industry's extraordinary growth as the transition to solar power accelerates worldwide. The company was spun out from [Fraunhofer Institute](#) for Solar Energy Systems ISE in 2015. For more information, please visit <https://www.nexwafe.com> and follow on [LinkedIn](#) and [Twitter](#).

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