

## ABOUT

# Dieter Sichau



Mr. Sichau started his career as a machinist, followed by becoming a master mechanical engineer in 1985. Subsequently in a part-time study programme, he obtained his diploma in logistics at the University of Bremen. During this time, he was master production at Norddeutsche Seekabelwerke and responsible for the production setup of machines for fiber optic technology and management of the production area. In 1995, he was promoted to production manager for the whole plant. From 2003 to 2006, he was head of quality management for the Leonie sites in Friesoythe, China and Slovakia and supporting in setting up their plant in China.

He then switched to the renewable energy sector. From 2006 to 2007, his responsibilities became operations management for Weserwind Bremerhaven focussing on the construction of a factory for the production of foundation structures in the offshore sector. In 2008, he became manager for the BARD GmbH location in Cuxhaven and further in 2010 promoted to COO of the BARD-group for all production sites in Germany. From 2012 to 2018, he accompanied the position of CTO at Steelwind Nordenham and was responsible for the construction and production of their plant and the production of monopiles for offshore wind turbines. Afterwards, he was manager of all Siemens Gamesa sites in Germany and responsible for setting up a new production facility for the manufacture of nacelles (wind turbines) in Cuxhaven.

Starting in 2022, he is managing director of the Innovation Centre for Sustainability and Production Technology GmbH with a focus on renewable energy. development of new business areas, including the energy module of the future. This also includes the design and construction of a hydrogen plant with a complete green production process (on an industrial scale and thus scalable for industry, maritime technology, transport technology, etc.) with subsequent production of methanol for the use of e-fuel technologies. He is also keen on the conversion of a sports boat as a demonstrator for new propulsion technologies with electric propulsion, hydrogen and methanol, where the old diesel engine will also be converted for demonstration purposes for modern green fuels.

In their talk entitled "Hydrogen and Synthetic Products - Applications in the Maritime Economy", Prof. Brauner and Mr. Sichau will provide insight into their current research and discuss the importance of his work for the future development of implementing hydrogen technologies in maritime applications.