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I was born in Berlin, where I grew up and attended school. I studied energy and process engineering at the TU Berlin where I completed my doctorate in 1994 on the subject of "Hydrogen storage in metal hydrides".

Subsequently, I was awarded a Marie Curie scholarship at the Institute Francais de Petrole / Lyon/(France) to conduct post-doctoral studies on the decomposition of ammonia. I then turned my attention to the synthesis of plastics at the CNRS in Lyon/France.

My next post was at Rolls Royce in England where I spent 4 years as a project manager and expert for advanced power generation systems, specialising in SOFC systems.

In 2001, I joined Helion (Aix-en-Provence, France), a start-up and subsidiary of Framatome, as a systems and process expert, project manager and later as technical director. At Helion I was responsible for the development of fuel cell systems for submarines and for the generation of emergency power. Following these projects, I was also responsible for the development of electrolyzers.

I have been employed at ABO Wind (Wiesbaden, Germany) as Head of Future Energy Projects since 2011. The department focuses on generating holistic concepts for green hydrogen, green heat-and-power generation, biomass and the storage of renewable energies.