



Professor Andreas Hornung

Director, European Bioenergy Research Institute
Aston University

Professor Andreas Hornung studied for his first degree at Technical University Darmstadt in Germany where he became an engineer in chemistry. He completed his Doctorate in Natural Sciences (PhD equivalent) at Technische Universität Kaiserslautern.

Andreas gained initial experience as a graduate research assistant, and was leader of the Pyrolysis group at the University of Karlsruhe. He then worked as an engineering consultant for AHT Austria, on the development of the Haloclean Reactor System, before moving to Sea Marconi Technologies in Italy, encompassing a role that combined developing market strategies with project management. Andreas then became coordinator of the European projects in Haloclean conversion and application, whilst also working on contracts with the University of Karlsruhe, Forschungszentrum Karlsruhe and Sea Marconi, before moving to the Forschungszentrum Karlsruhe GmbH, Institute of Technical Chemistry as head of the pyrolysis/ gas treatment division.

Andreas later became a lecturer at the Technical University of Kaiserslautern. Since 2007 he has been responsible for the management of the industrial application of the results of the project Haloclean-Intermediate Pyrolysis for combined pyrolysis and electrification of biomass for several companies including Michelin and Evonik.

In 2007 Andreas was appointed to his current position at Aston University, and is now Director of the European Bioenergy Research Institute (EBRI). Andreas has also been appointed the new Director of the Institute Branch Sulzbach-Rosenberg of Fraunhofer UMSICHT which he carries out alongside his EBRI role at Aston University. This is the first time an academic from a UK university has been awarded such a position.

Andreas is a Fellow of the Royal Society of Chemistry, and a Fellow of the Institution of Chemical Engineers. In 2011, he was appointed a 'Green Leader' in the West Midlands.

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