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Title / Function	PhD., Market Director: Sales and Business Development
Affiliation	IDEKO
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Short biography

Dr. Harkaitz Urreta holds a PhD in Engineering from the University of the Basque Country and Executive Management of R&D institutions from the Deusto Business School. His entire professional career has taken place at IDEKO Technology Center, a research center specialized in manufacturing technologies. In 1998, he began working in the mechanical engineering department, and in 2009 he assumed managing of the Microtechnology and Ultraprecision research line. Since 2016, he has led the Design and Precision Engineering department, a group of over twenty-five professionals specializing in numerical simulation, mechanical design, experimental characterization and machine vision, all focused on improving the precision of machine tools and production processes. Since 2024, he has served as the Market Director of IDEKO, leading the commercial department and fostering technology transfer to the industrial manufacturing sector. Dr. Urreta's technical background is rooted in technologies related to the precision of machine tools, with particular emphasis on hydrostatic bearings, high-precision spindles and stages, novel machine architectures, thermal stability, and in-process workpiece metrology. His doctoral thesis focused on the development of active hydrostatic bearings based on magnetorheological fluids and adaptive restrictors. In this field, he has published over forty articles in indexed journals and international conferences, mainly within **euspen**. Dr. Harkaitz Urreta's relationship with **euspen** dates back to 2010, and since then he has participated in 15 international conferences, as well as in several Special Interest Groups organized during this period. Since 2018, he has been a member of **euspen**'s Scientific Committee, actively participating in conferences as a session chair for topics related to precision machines. In 2029, he co-organized the International Conference and Exhibition (ICE) held in Bilbao.