SHORT BIO:

Dr. Marisol Kokko Rico

She obtained her Doctorate in Mechanical Engineering from the National Polytechnic Institute (IPN), ESIME Zacatenco. She holds a Master's degree in Manufacturing Engineering from the IPN, ESIME Azcapotzalco.

And a Bachelor's degree in Industrial Design from the Metropolitan Autonomous University (UAM).

She has extensive experience in research on the design, development, and production of products, and is the creator of the Comprehensive New Product Design Model (MINDP), focused on innovation and sustainability. Her research has been applied to the design, development, and production of products such as hydrogen generators, oxy-hydrogen reactors and/or electrolyzers, medical devices, and biodegradable furniture and packaging. As a result, she holds more than 10 patents registered with the Mexican Institute of Industrial Property (IMPI).

Dr. Marisol has experience in industry as a Product Engineer and Operations Manager, implementing improvements in design, manufacturing, supply chain, and logistics processes. Currently, she coordinates the Master's Program in Product Development with a specialization in Assistive Technology (MAStech) in collaboration with the School of Health and the School of Engineering at Jönköping University, Sweden, where she designs and teaches courses with a vision of integrating education, research, and industry.

She has an international presence as the Project Leader for DeepINVENTHEI (Deep INnoVation and ENTrepreneurship in HEIs) and is an Associate Partner of the BIN@ - Business & Innovation Network, projects funded by the European Union and in collaboration with 18 European universities whose objective is to strengthen engineering education with a focus on entrepreneurship and innovation.

She is the representative of Jönköping University in the CDIO Initiative™, a global collaboration to conceive and develop a new vision for engineering education. Finally, she has given approximately 30 lectures worldwide.