



Marta Maroño

Hydrogen Technologies and Safety Specialist
Airbus Operations



Marta Maroño has a PhD degree in Chemical Engineering, in the area of process safety from the University of Zaragoza. She holds a Master in Nuclear Energy (Autonomous University of Madrid, 1996) and started her professional career at CIEMAT in the field of Risk Assessment and Safety Performance Analysis, focusing first in the chemical process industry and later in the nuclear sector. For more than ten years she worked as advisor of the Spanish Nuclear Regulatory body in the area of operational safety and safety indicators, in close collaboration with the US Nuclear Research Council. She participated in the development of the Spanish Methodological Guides for Risk Evaluation of industries affected by Seveso Directive and participated /organized several workshops and courses focused on risk assessment methodologies and analysis of operational safety based on database analysis and lessons learned from incidents/accidents.

Currently Marta provides technical review and validation for hydrogen fuel systems, including flammability mitigation and leak detection strategies in Airbus. As part of the Functional Safety team, supports safety documentation and compliance across hydrogen systems. Also serves as the focal point for hydrogen competencies, leading training assessments and offering specialized technical guidance. Before joining Airbus she was responsible of her laboratory's safety at CIEMAT. Since 2005 her main area of expertise is in Hydrogen production by nonelectrolytic technologies, Hydrogen quality and operational safety. She coordinated since 2020 the Hydrogen Technologies Research Area of CIEMAT.

Marta has close collaboration with UE institutions in the Hydrogen sector: Chair of External Affairs of Hydrogen Europe research since 2016, coordinator of SP6 Hydrogen Production Subprogramme of JP Hydrogen and Fuel cells of EERA (European Energy Research Alliance). Member of EHSP since 2020.