



Joanna Richart

Independent advisor - hydrogen economy
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Joanna is a hydrogen and renewable energy expert with experience spanning the full project lifecycle from early-stage concept and pre-FEED through to delivery and implementation. Her expertise covers hydrogen fuel cells, hydrogen internal combustion engines, and broader alternative fuel combustion systems, alongside hydrogen production pathways and integrated system development.

She has worked across multidisciplinary technical and commercial teams to develop and deliver hydrogen projects, combining engineering insight with techno-economic assessment to evaluate feasibility, performance, and business viability. Her experience includes translating complex technical requirements into practical project scopes, supporting clients in defining solutions that balance performance, cost, and regulatory and safety constraints.

Her background includes a strong focus on hydrogen safety considerations and certification requirements across automotive, aerospace, and maritime applications, ensuring that technical solutions are developed in line with evolving standards and real-world operational constraints.

She has contributed to innovation and market development activities across the hydrogen value chain, working closely with organizations including Hydrogen Europe, the Clean Hydrogen Partnership, and a wide range of UK and international hydrogen economy stakeholders. Her work has supported the advancement of hydrogen technologies, commercialization strategies, and industry collaboration across fuel cells, hydrogen engines, and hydrogen production systems.

Joanna is currently acting as an independent advisor within the hydrogen economy, while also pursuing a new venture focused on engaging local communities in learning about sustainable and freely available natural food sources.