

Isabelle Rougeaux is a Research Engineer and Project Manager at CEA, with over ten years of experience in the hydrogen field, particularly in the development of catalysts for hydrogen production from chemical hydrides.

For the past five years, she has been actively involved in CO₂ valorization and anion exchange membrane (AEM) water electrolysis. Her work includes the development of electrocatalysts, electrochemical characterization, CO₂ capture strategies, and electrolyzer cell design.

She is the co-inventor of more than twenty patents. Among her projects related to CO₂ valorization, she leads a PEPR project and coordinates an EIC Pathfinder project.