

Rebeca Marcilla

Candidate for Vice Chair | ISE Division 3 | Electrochemical Energy Conversion and Storage

Short Curriculum Vitae

Rebeca Marcilla is Head of the Electrochemical Processes Unit at IMDEA Energy, Spain, where she leads a team of approximately 25 researchers. She obtained her PhD in Chemistry from the University of the Basque Country in 2006 and has built her career at the interface of electrochemistry, functional materials and energy storage. Her research focuses on advanced electrolytes, redox-active polymers, organic batteries and redox flow batteries, including the development of membrane-free concepts. She has published 150 peer-reviewed articles, with more than 9,500 citations and an h-index of 57, and is co-inventor of nine patents, three of which have been licensed. She has participated in more than 30 research projects and served as principal investigator in 20, including an ERC Consolidator Grant and an ERC Proof of Concept. She has supervised 14 PhD theses, including ongoing projects, and more than 12 postdoctoral researchers. Her scientific service includes serving as an Editor of the Journal of Power Sources, evaluating ERC, Marie Skłodowska-Curie and EIC proposals, and contributing to national research evaluation bodies. Within the ISE, she has served as Vice-Chair of Division 3 since 2025, led Symposium 5 at the 76th Annual Meeting and delivered invited presentations at the 2023, 2024 and 2025 Annual Meetings.