



SPECIALIST FOR CONSULTANCY AND ENGINEERING SERVICES ALONG THE COMPLETE LIFE CYCLE OF RENEWABLE ASSETS

SPIE EREDA combines all skills and competences for projects development and EPC management, supporting you with the final asset in mind.

SPIE EREDA has a large experience in wind and solar PV resource analysis in Europe, LATAM, Africa and Asia, with +35 GW of projects identified, assessed or verify. Hybridization studies with or without storage, with further engineering services and its implementation. Our clients have placed their trust in us for more than 180 project designs with +10 GW, more than 2 GW of Technical Windfarm Due Diligence or WTG, PV and BOP inspections in 80 project with + 4 GW.

SPIE EREDA supports you throughout the project cycle for a battery energy storage system from the initial analysis, proposing customized solutions and providing the necessary studies and data for the most appropriate decision making for your project and investment. We provide an agnostic view on the technical solution based on the lowest total cost of ownership and maximum revenue over the life of your project.

Resource Assessment

- Mesoscale Studies for Developers, Governments and Institutions
- Wind Measurement Campaigns
- Wind Farm and PV plant Design and Energy Reports
- Hybridization studies and Energy reports

Engineering

- Hybrid and storage systems design
- Wind Farm and PV plant Layout and concept design
- Design modifications and retrofits in Wind Turbines
- Basic / Detailed BOP Engineering

Asset Due Diligence

- Performance-, Permit and Interface Analysis
- Technical Reports
- Asset Risk Assessment
- Continuous Asset Monitoring and Identification of Issues

Lifetime Extension

- Technical Windfarm / PV / BESS Due Diligence
- Analysis of the Asset History
- LTE Concept / Modification of WTG design

SPIE EREDA is part of the operational division Industry Service & Wind of SPIE Germany Switzerland Austria. Together, our specialists form a powerful, global team for high-quality industrial services in the wind, water, energy, industrial and process industry segments. We create holistic solutions from planning and realization to installation, operation and maintenance to relocation and decommissioning. We support our customers managing the challenges of digital transformation and ecological change in their industry.

SPIE Germany Switzerland Austria is the leading independent multi-technology service provider for buildings, plants and infrastructures. With our broad technical expertise and as a reliable partner, we accompany our customers into a successful future.