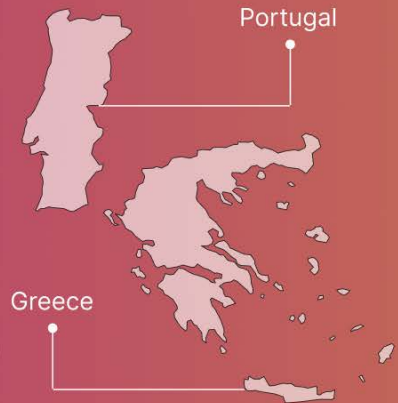




TEF RES Node

This node provides a cutting-edge testing facility that can support Aggregators, System Operators, RES Operators and Tech developers as they prepare their services for real-world deployment and market entry. The node focuses on photovoltaic (PV) systems, hydropower plants and wind farms, enabling collaboration, innovation and evolution of the renewable energy sector.



Unlock Innovation with Our Energy Services

Designed for SMEs and Startups! —————>

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Services

- 01** Performance Evaluation of Energy Forecasts for Offshore Energy Assets
- 02** Fault Classification and Location Detection in Offshore Renewables
- 03** Asset Control and Operational State Management for Offshore Energy Assets
- 04** Anomaly Detection for Preventive Maintenance in Offshore Renewables
- 05** Wave Power Generation Short-Term Forecasting
- 06** AI-Powered Wind Power Short-Term Forecasting
- 07** AI-Powered Spare Parts Procurement Recommendations for PV Inverters
- 08** AI-Based PV Soiling Loss Assessment
- 09** AI-Driven Pumpback Optimization for Hydropower System
- 10** AI-Powered Hydropower Short-Term Generation Forecasting



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