



FARSIGHT

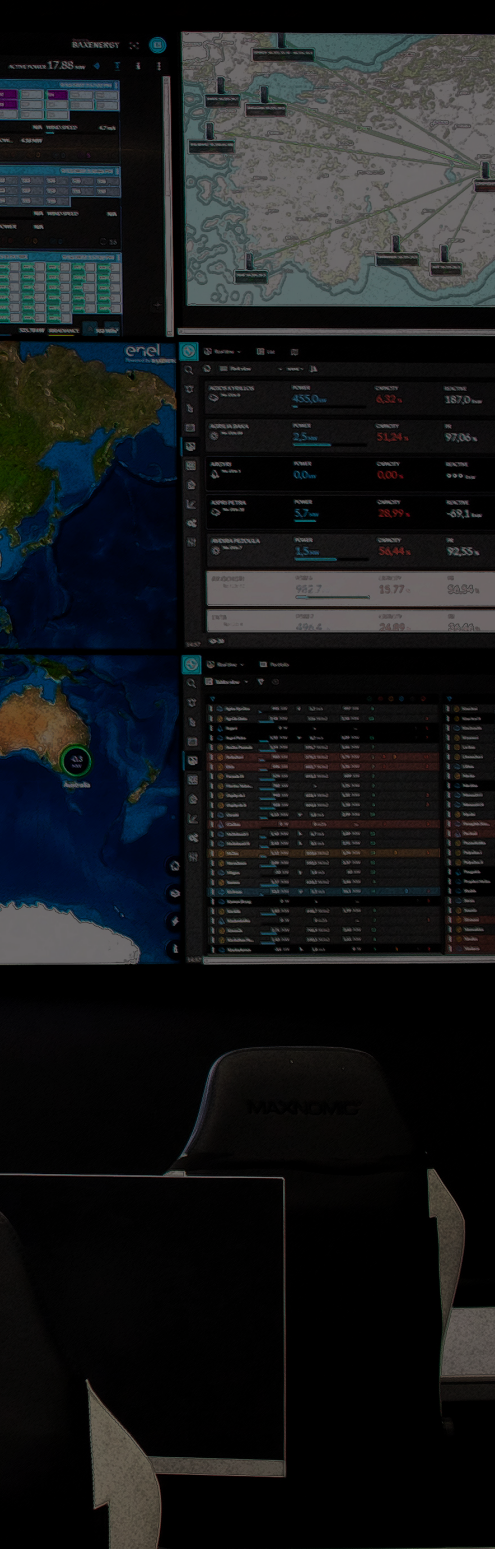
BY BAXENERGY



Predictive Platform for
Renewable Energy Management Systems

Accelerating the transition to a more sustainable future





Farsight™ harnesses the power of AI and advanced analytics algorithms to generate actionable insights that help asset managers, utilities, IPPs and investment funds to accurately predict and measure production losses, quantifying their financial impact.

In the ever-evolving landscape of renewable energy, where progress isn't just a goal but a mandate, Farsight™ emerges as the transformative force that reshapes how asset managers, utilities, IPPs, and investment funds navigate the complexities of their operations.

That's Farsight™ in action. Real-time insights into asset health, proactive issue resolution, and strategic decision-making are the building blocks of this visionary software. Stay ahead, stay agile, and let Farsight™ be your guiding light.

Key Capabilities

How does it work?

Quantify production losses

Get a precise financial assessment of historical, present, and future losses associated with identified issues.

AI & Actionable Insights

Use the power of AI to get actionable insights on how to achieve unparalleled portfolio's performance and secure long-term profitability.

Stay alert and don't miss a bit

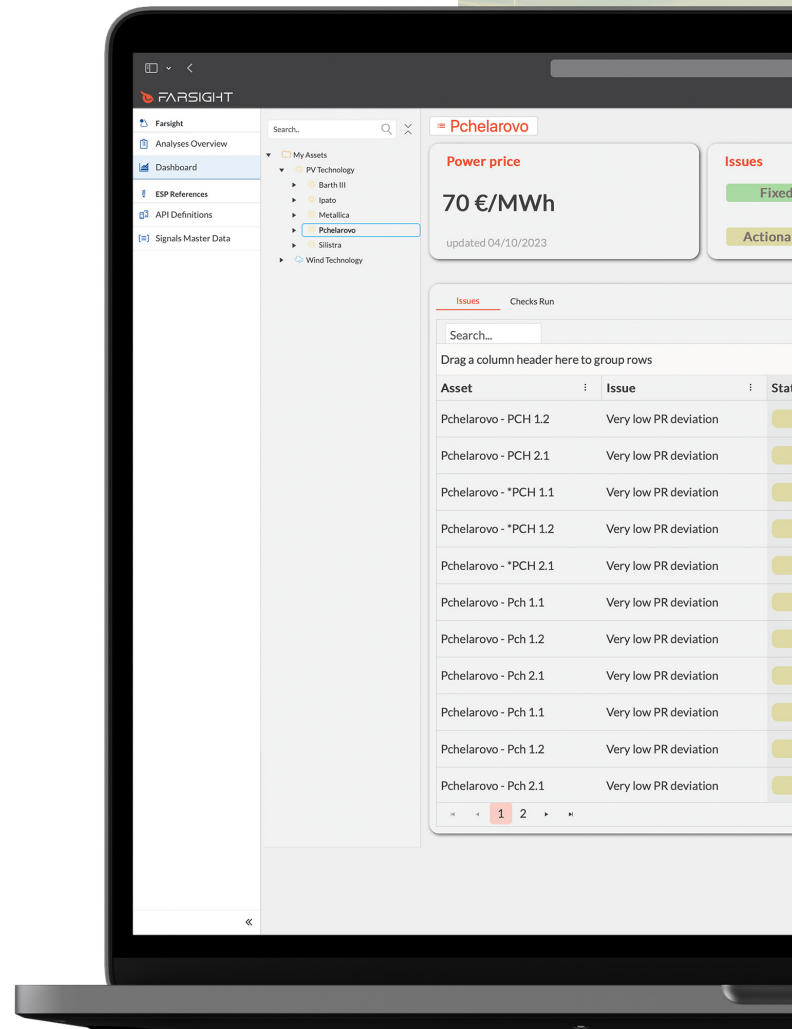
Gain quality data on assets' health to avoid expensive downtimes and perform a predictive maintenance.

Optimize your portfolio

Take actions at every level of the portfolio to optimize operations and reduce costs.

Unleash hidden revenue streams

Uncover untapped potential within your assets and explore new revenue streams with the insights generated by the platform.



Monitor critical KPIs

Elevate your understanding of assets' data and drive strategic decisions for unparalleled efficiency.

Strategically prioritize actions

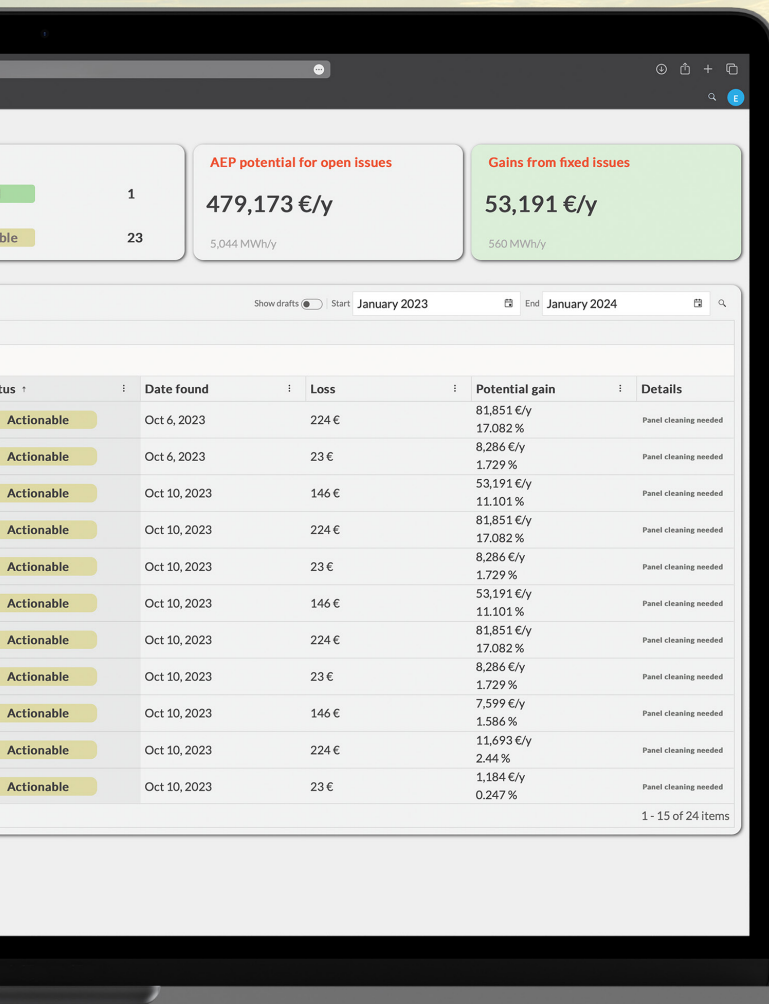
Transform system underperformance and component health insights into a roadmap for success.

Enhance O&M cost-effectiveness

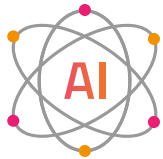
Optimize every maintenance effort and reduce costs without compromising on performance.

Fortify asset performance and health

Ensure a sustained, optimal performance curve and mitigate risks associated with component health.



Key Features & Benefits



60+ AI ANALYSES

Use more than 60 predictive algorithms to get advanced analytics on your assets' status.



CRITICAL PROBLEMS IDENTIFICATION

Discover and monitor anomalies, preventing potentially severe assets' failures.



CUSTOM ALGORITHMS

Choose and activate all features you need over time thanks to an easy-to-integrate technology.



COMPOSABLE ARCHITECTURE

Create plug-and-play composable capabilities and reduce complexity.



STOP LOSING MONEY

Say goodbye to financial losses and embrace a future where every choice helps improve asset performance.



TAKE INSIGHT-DRIVEN DECISIONS

Utilize advanced analytics to focus on important problem-solving instead of manual operations.



OPTIMIZE OPERATIONAL WORKFLOWS

Strategically prioritizes actions based on the severity levels of detected issues.



INCREASE ROI

Maximize your gains by optimizing assets' performance throughout their lifecycle.

Our Advanced Analyses

Performance Ratio comparison
String underperforming
Yaw Offset error
Power Curve - Performance Shortfall
Performance Shortfall (power curve calcolata)
Power Curve - Degradation
Power Curve - Outliers
Data Quality Index
Power Curve - Energy Loss
Operational discrepancy - Production
Operational discrepancy - Production
Operational discrepancy - PR
Inverter efficiency
Clipping Loss
Nominal Plant capacity analysis
Temperature gear box oil
Temperature Generator Drive End bearing
Temperature Generator Not Drive End bearing
Temperature Generator NDE-DE bearing
Temperature Generator Phase Winding
Energy Loss due to Fault

Energy Loss due to Preventive Maintenance
Energy Loss due to Corrective Maintenance
Energy Loss due to Anemometer fault
Energy Loss due to Rotor fault
Energy Loss due to Pitch fault
Energy Loss due to Yaw System fault
Energy Loss due to GearBox fault
Energy Loss due to Generator fault
Energy Loss due to Converter fault
Energy Loss due to Transformer fault
Energy Loss due to Grid connection fault
Energy Loss due to MainShaft fault
Energy Loss due to MainBearing fault
Energy Loss due to Cooling system fault
Energy Loss due to Hydraulic system fault
Energy Loss due to vibration
Energy Loss due to Icing
Energy Loss due to TSO grid failure
Energy Loss due to Curtailment
PV fuse broken
and more soon...



FARSIGHT



BaxEnergy Italia S.r.l.
Acireale (CT) - Italy
baxenergy.com

Via Sclafani 40\B - 95024
(+39) 328 839 3977
info@baxenergy.com