

Romax InSight offers a powerful combination of practical experience and analytical expertise. With over 25 years' experience in delivering engineering services for rotating machinery, we provide analysis, practical engineering solutions, whole turbine inspections and wind farm monitoring services to owners and operators looking to optimise maintenance costs and extend the life of their assets.



Designed 39+ Gearboxes



Analysed 20+ GW



Technical Advisor on 10+ GW



Inspected 1,000+ Turbines

O&M Cost Forecasts

- Predict future O&M costs, availability and downtime
- Site-specific and turbine-specific reliability forecasting
- Identify financial risks associated with turbine technology, known failure modes, new designs and upgrades

Life Extension

- Extend the life of assets beyond the 20 year design life
- Engineering solutions to keep major components running for longer

Quality Assurance & Control

- Quality assurance/ quality control inspections and analysis
- Identify and resolve supply chain quality issues before they require costly maintenance

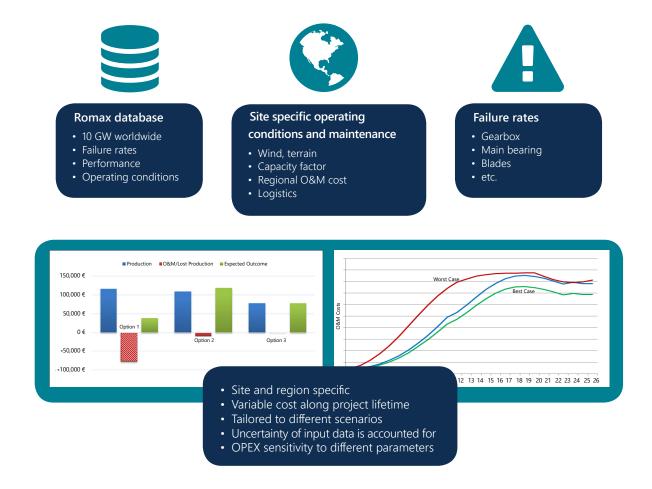
Health Assessments

- Understand the condition of assets before acquisition
- Analyse SCADA, CMS and operational data to identify costly reliability problems

Example: What is the best turbine for my project?

A wind farm financier/owner has to know the following information in order to plan for the project success in the most realistic way:

- What elements of technology do I need to worry about? What do I need to put in my Turbine Supply Agreement or contract with the service provider?
- ? What do I need to know during operation to ensure high availability and how much will it cost?
- ? What should I plan to spend and why?
- ? Will my assets last beyond the 20 year design life and what do I need to do to make sure they do?



Romax InSight has helped to answer these questions on over 10 GW of assets worldwide using design expertise, operational data and historical failure rates accumulated over many engineering projects for onshore and offshore wind farms.

Headquartered in Nottingham, UK, Romax InSight provides global expertise through a team of specialists based in the UK, USA, Korea, Japan, China and India.

