

# Optimize Wind Fleet Performance

## Background

- Performance optimization is a key for driving down LCoE
- Failures cause high downtimes and revenue losses for operators
- Data from many sources is available but its value for performance optimization is not used

## Customer benefit

- Optimized O&M processes, more uptime, lower costs
- Automated performance analysis, tracking of trends and detection of anomalies
- Data visualization and customized reports
- Maximum benefit from available data



## Requirement

- Safe and cost-efficient operations
- Support of long and short term maintenance decisions
- Data analytics and aggregation of multiple information sources
- Interoperability with other systems and existing maintenance process

## Solution: Uptime HARVEST™

- Analysis of asset risks, maintenance strategy, and corporate processes
- Turbine type specific evaluation of failure modes and available data sources
- Integration of the Uptime SOLUTIONS™ Analytics Platform
- Implementation of the Uptime Engineering Analytics based Maintenance Process