

# OPTIMIZE WIND FARM OPERATIONS WHILE BUILDING COMMUNITY RELATIONS

Maximize growth while limiting community impact with Sentinel  
– Brüel & Kjær’s environmental monitoring and management service.

## Increase community support

Monitoring and managing noise levels is critical to maximizing your wind farm output and increasing community support.

Similar to airports, wind farm operators are becoming increasingly obligated to perform real-time noise monitoring. Standards and regulations must be adhered to, accurate data regarding environmental impact must be reported and community perceptions must be effectively managed.

You can better manage your noise impact with Sentinel. The managed web service assists with a wide variety of activities including: monitoring noise levels during wind farm construction or expansion; optimizing

operations based on environmental conditions such as wind and weather; and engaging regulatory authorities and neighbouring communities for more effective communication and conflict resolution.

Because the Sentinel equipment is easily transported, customers can move it between wind turbines or wind farms as needs arise.

As wind farm power generation increases, there is greater scrutiny regarding health concerns relating to sound. By better monitoring and measuring acoustical data, you can decrease the risk of violating noise restrictions and losing community support.

## Maximize operations

- Obtain reliable, accurate data 24/7 from anywhere, anytime to immediately identify incidents, make better informed decisions and operate at optimal capacity
- Cost-efficiently monitor sound continuously to avoid exceeding limitations, project delays, financial penalties and costly litigation
- Avoid exceeding noise restrictions for regulatory compliance
- Improve community engagement to decrease complaints and increase support
- Implement a transparent communication approach to keep stakeholders informed

## The Sentinel advantage

Whether your project is short- or long-term, optimize business operations and build better community and regulatory relationships with a Sentinel subscription.

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