

# Wildlife Protection Bird Environmental solutions

## Challenge

Minimize risk to birds while ensuring compliance with local regulations for your wind farms.

## Solution

The Wildlife Protection Bird system detects flying birds in flight in real-time and executes programmed actions to minimize bird mortality from wind farm operations.

The system pauses wind turbines when birds are detected near the wind farm, provided the configured conditions are met. This functionality is enabled by two types of sensors, which can be integrated either individually or together into the control system:

- **Bird detector:** the turbines linked to the sensor will be paused when birds are detected.
- **Visibility sensor:** the turbines linked to the sensor will be paused when low visibility is detected during the periods specified in the configuration calendar.

## Benefits

- Compliance with local regulations.
- Allowing extended operation windows due to improved control.
- Ensuring the optimum energy production with greater local acceptance.



Regulation  
compliance



Customized  
solution



Revenue



Partnership

## Applicability

WindNet® PRO, WPS2, WPS3

## Compatible products

It can be acquired with other Siemens Gamesa environmental solutions to ensure compliance with local regulations and enhance operational capabilities, ultimately increasing energy production.

## Installation time

Depends on site.

Information is subject to change without prior notice.