

# Wildlife Protection Bat Environmental solutions



## Challenge

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

## Solution

The Wildlife Protection Bat System controls the operation of individual wind turbines based on the specific requirements of each site. The system halts turbine activity upon detecting bats near the wind farm.

Turbines pause only when all configured conditions (such as calendar settings, wind direction sectors, temperature, light levels, etc.) are met. If condition changes, the algorithm considering the configured hysteresis values, will prompt the paused turbines to resume operation.

## 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

- Sector, Calendar, Temperature and Light configurations: SGIPE 2.3, WindNet, WindNet® PRO, WPS2, WPS3.
- Humidity, Rain sensor, External signal integration: WindNet® PRO

## Compatible products

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.