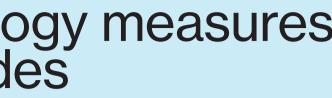
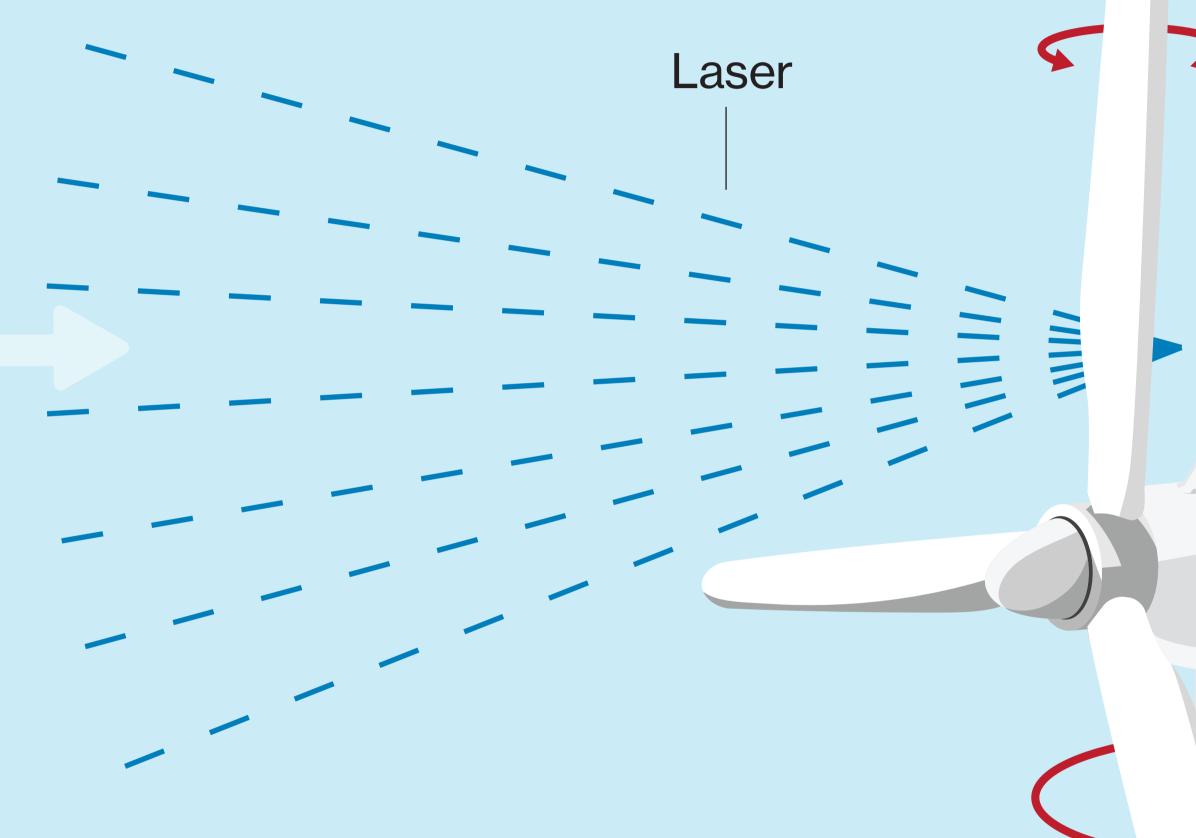
## **Recouping lost energy with LiDAR**

- LiDAR (Light Detection and Ranging) technology measures wind direction and speed in front of rotor blades
- Nacelle is rotated into optimal position
- Turbine extracts more energy from the wind







## Pitch control (rotation of blades)

## Nacelle-mounted LiDAR

Nacelle anemometer

Yaw control (rotation of nacelle)