

Automatic Wind Turbine Blade Inspection

Cesar Gonzalez

June 3, 2016



Overview

1 Motivation

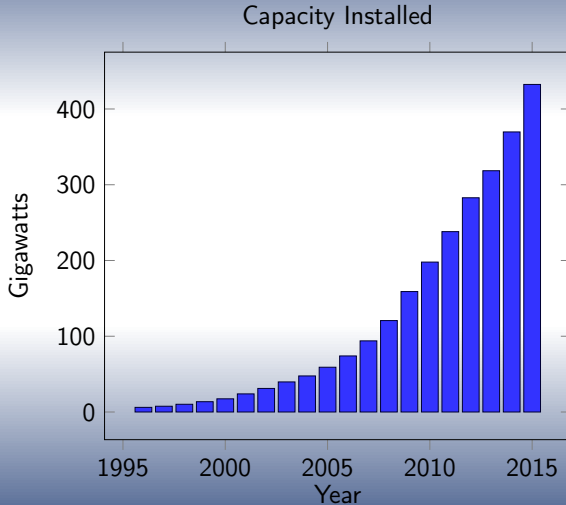
1. Capacity installed
2. WTG Blade Faults
3. Difficult Maintenance

2 The idea

3 Questions



Wind Energy Capacity installed today



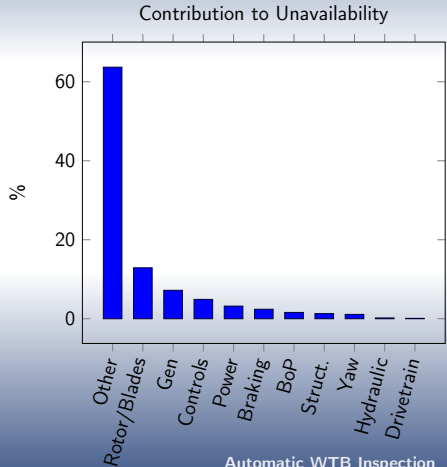


Blade Faults and Unavailability

Most common faults of blades:

- Delamination
- Fatigue
- Lightning damage
- Cracks
- Lack of glue
- Others

Unavailability





Maintenance



The solution proposed



Questions

Any questions?