

Automatic Wind Turbine Blade Inspection

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Overview

1 Motivation

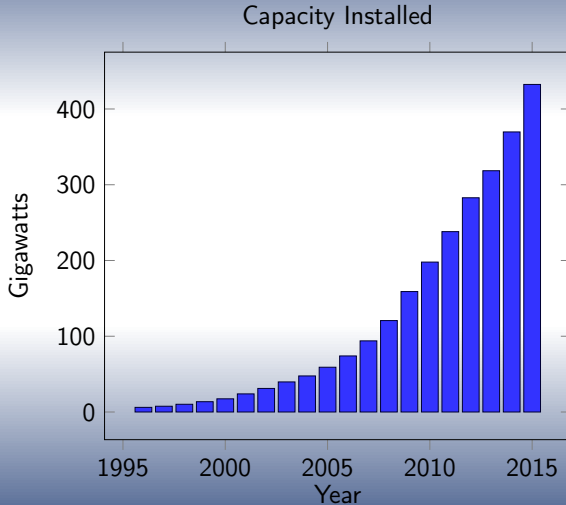
1. Capacity installed
2. WTG Blade Faults
3. Difficult to inspect

2 The idea

3 Questions

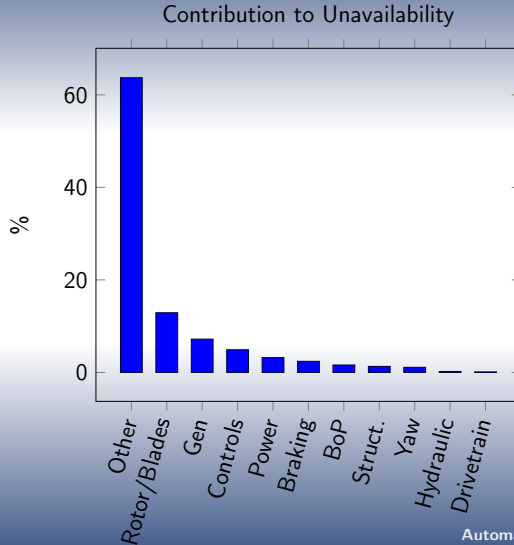


Wind Energy Capacity installed today



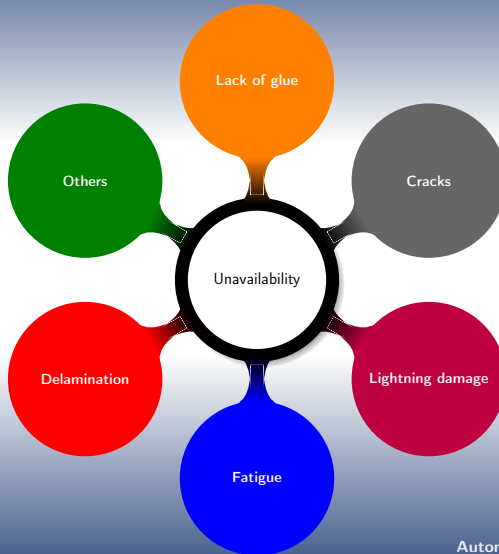


Blade Faults and Unavailability





Blade Faults and Unavailability





Inspections nowadays

- Mainly visual from the ground, using telescopes
- Unscheduled
- Poor precision and accuracy on the diagnosis
- Economic losses due to unavailability of the WTG when there is wind power production available



The solution proposed



Questions

Any questions?