

Floating Wind Solutions

Cable Monitoring... is there another way?

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Organized by  



The Marriott Marquis, Houston 1-3 March 2022

Cable Failures – The Challenge

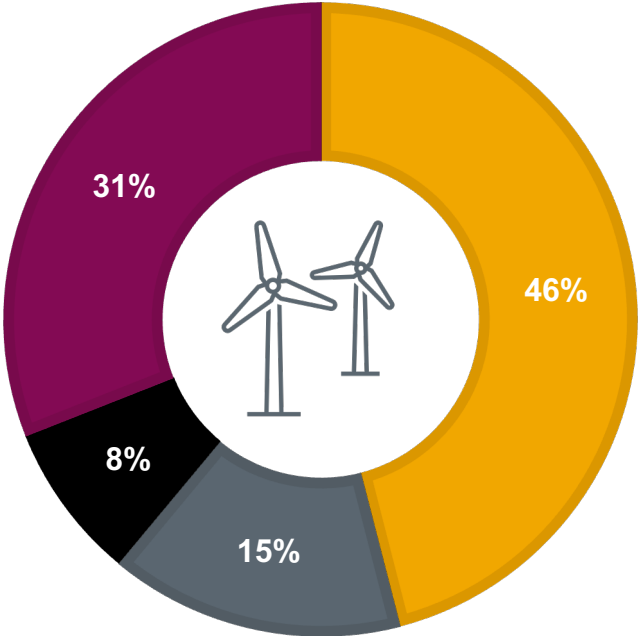
Subsea cables faults are common

But they can take a lot of time and money to fix

<p>+\$15m</p> <p>cost to repair a single failed export cable</p>	<p>+\$10m</p> <p>cost to repair a single failed inter array cable</p>	<p>+\$30m</p> <p>Average generation loss</p>
<p>38 62</p> <p>ARRAY EXPORT</p> <p>days downtime on failed cable</p>	<p>75-80%</p> <p>of insurance claims by offshore wind industry</p>	<p>65%</p> <p>of cable repair costs are for vessel charges</p>

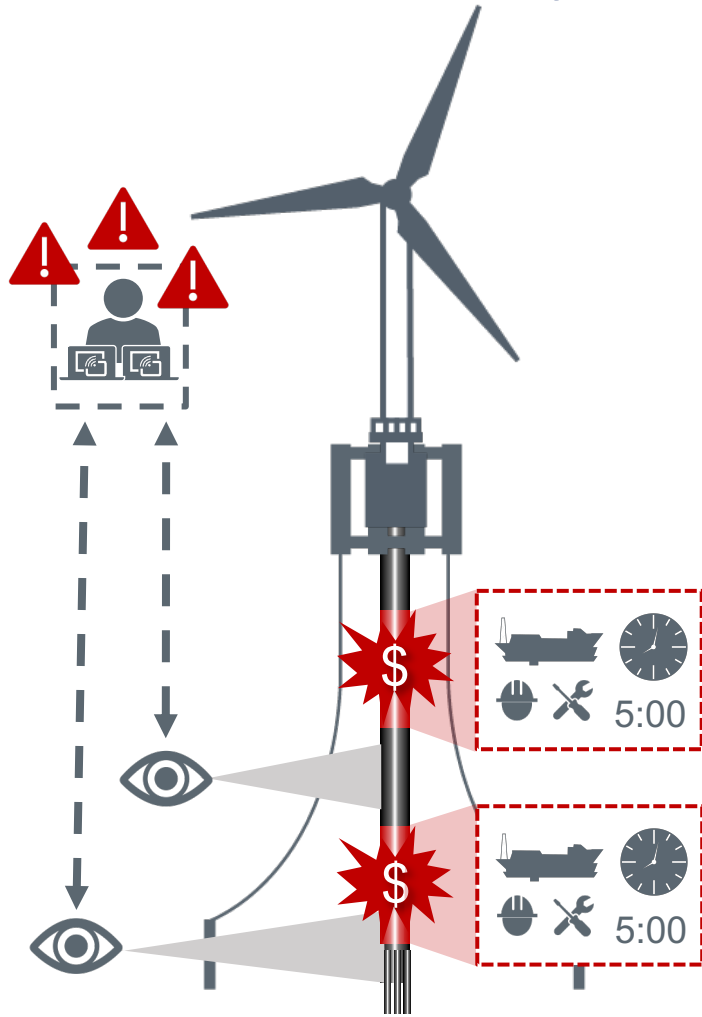
CABLE FAILURE CAUSES

- Installation
- Faults in cable design
- External damage
- Manufacturing



* All data ORE Catapult 2021

Traditional Systems



Reactive

Predictive



Isolated monitoring

Holistic monitoring



< CAPEX

< OPEX



proserv

ECG™
Electro Cable Guard - cable health monitoring system

Reduce duration of cable downtime
Prevent significant cable failures

Almost every windfarm will experience a cable failure*
75-80% of insurance claim costs are cable related*

Your solution
A real-time, online and scalable cable health check

- Distributed temperature sensing
- Distributed acoustic sensing
- Distributed electrical sensing
- Partial discharge monitoring
- Environmental data
- AIS data
- And more...

Key benefits
Protect your cables and stop faults from occurring

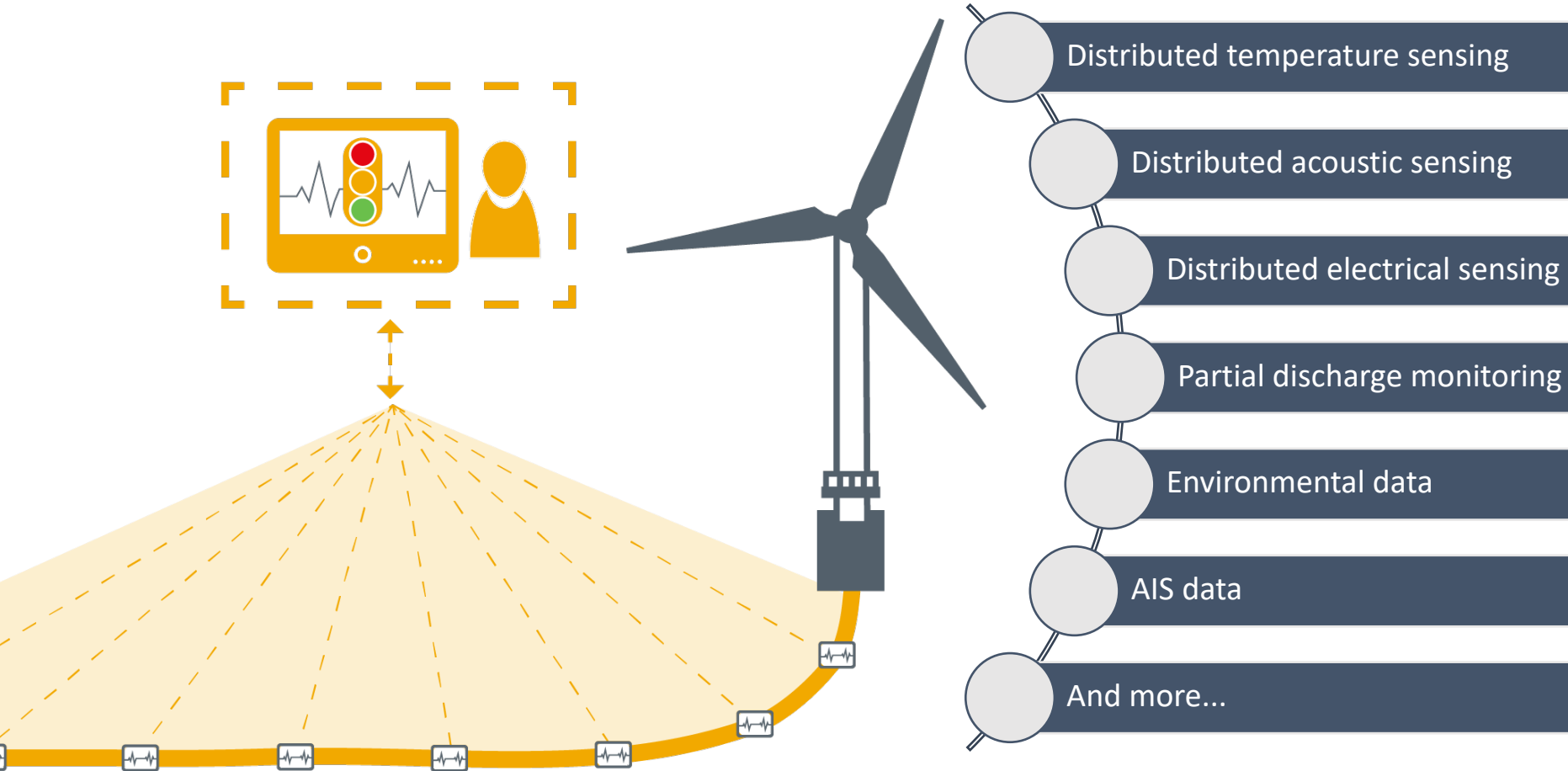
- Maximise power transmission and increase efficiencies
- Reduce failures as a result of intelligent monitoring
- Protect against serious events with warnings of developing faults
- Save OPEX and vessel costs with planned intervention
- Plan lower cost interventions around weather and resource availability
- Peace of mind about the condition and integrity of your cable

Features

- Intuitive user interface
- Continuous automated data analysis
- Monitor onset of cable degradation
- Integrated historical data analysis and interpretation

Floating Wind Solutions

ECG™ - Electro Cable Guard

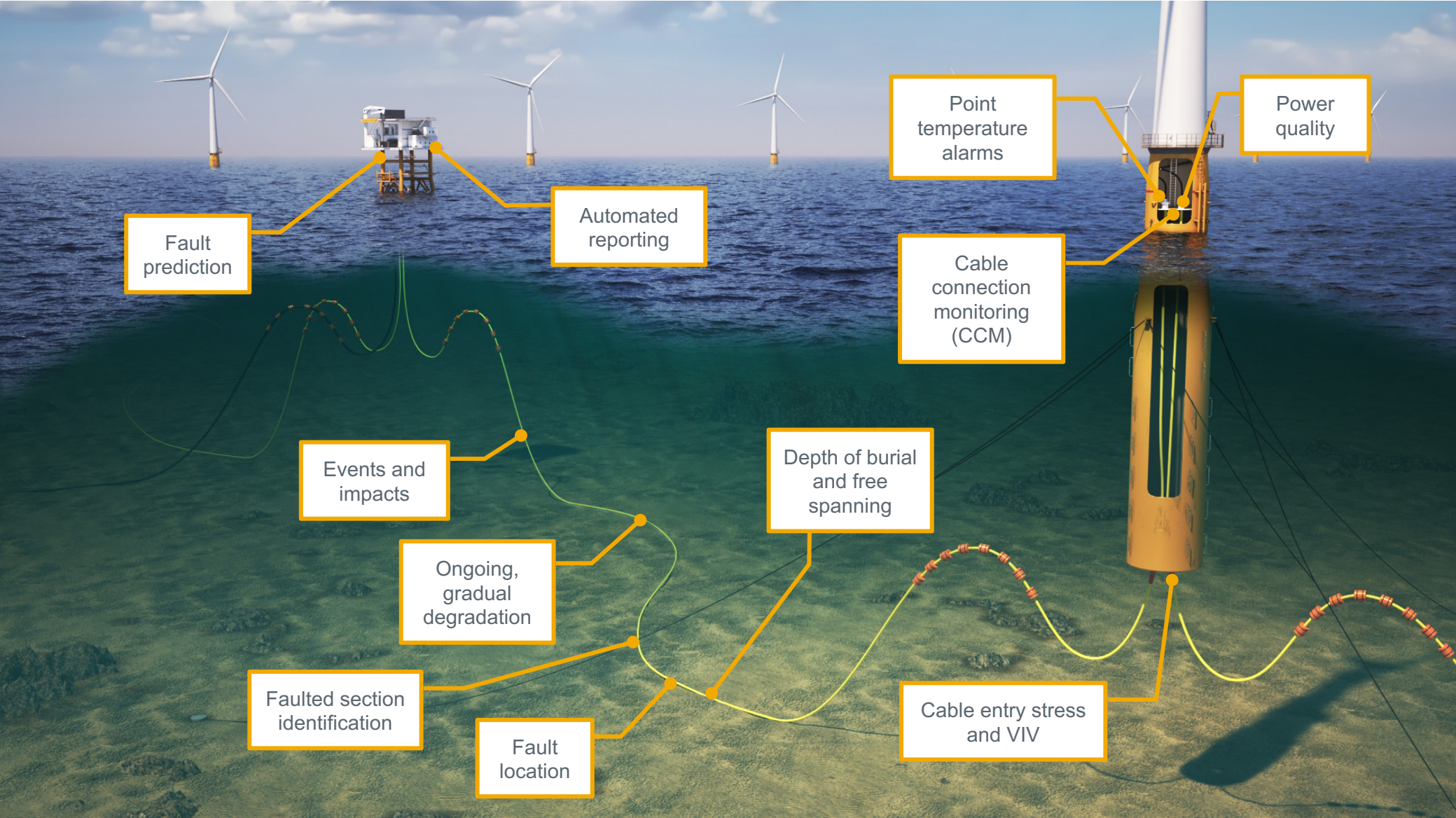


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- Protect against serious events with warnings of developing faults 
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