



# Loss scenarios & Learnings from 2020

Swedish Wind Power

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A business of Marsh McLennan



# SWEDISH WIND POWER – LOSS SCENARIOS & LEARNING CONTENTS

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# SWEDISH WIND POWER – LOSS SCENARIOS & LEARNING

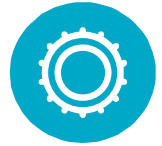
## KEY TAKEAWAYS FROM 2020



Blade damage was the most frequent component damage for a turbine in operation in Sweden during 2020.



Electrical failure and lightning was the most common claim causes during 2020



The average cost per claim in the Swedish wind power market was  $\approx$  EUR 25 000.



The average cost per claim for a blade damage was  $\approx$  EUR 90 000.



The average standstill period due to an insurance claim was 35 days.

The information in this report is based on **1600** operational onshore turbines in Sweden during 2020.

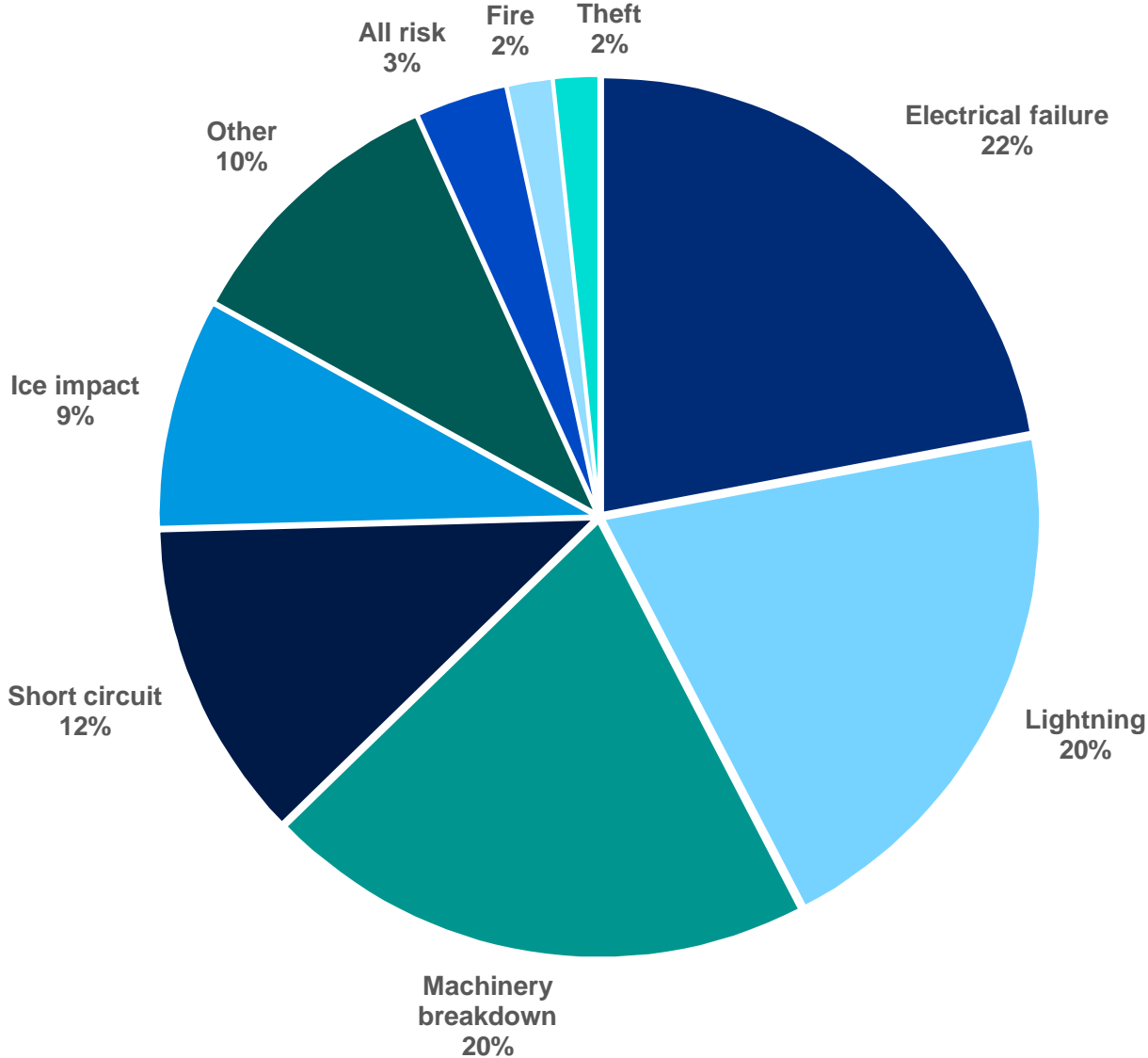
All costs in this report are **excluding** deductibles.

**Cost** for property damage and business interruption are both included

# SWEDISH WIND POWER – LOSS SCENARIOS & LEARNING

## TYPE OF DAMAGE

Electrical failure is the biggest individual claim cause, followed by Lightning and Machinery breakdown.

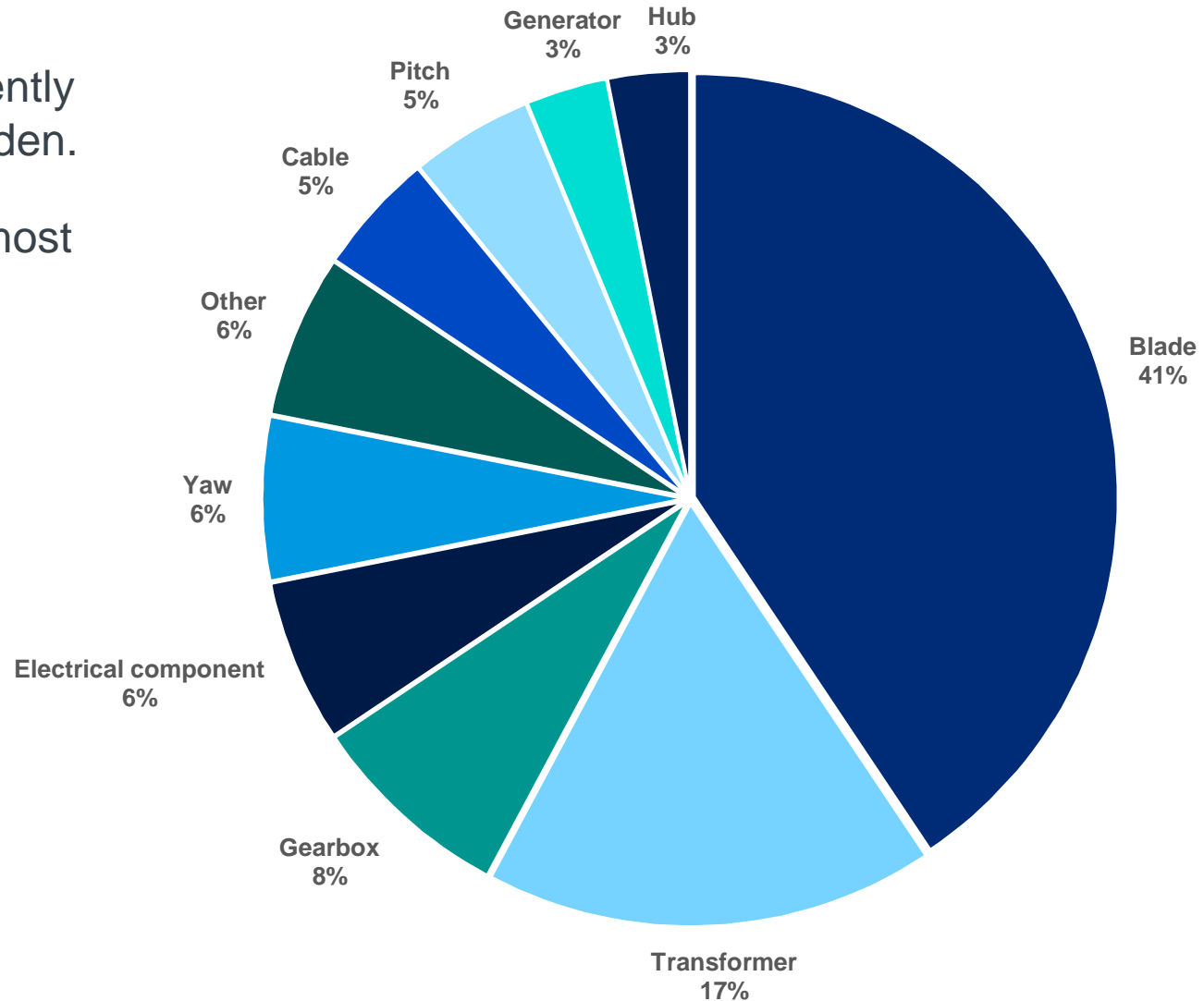


# SWEDISH WIND POWER – LOSS SCENARIOS & LEARNING

## MOST FREQUENT COMPONENT DAMAGE

Blade damage is still the most frequently reported component damage in Sweden.

Transformer damage is the second most reported claim.

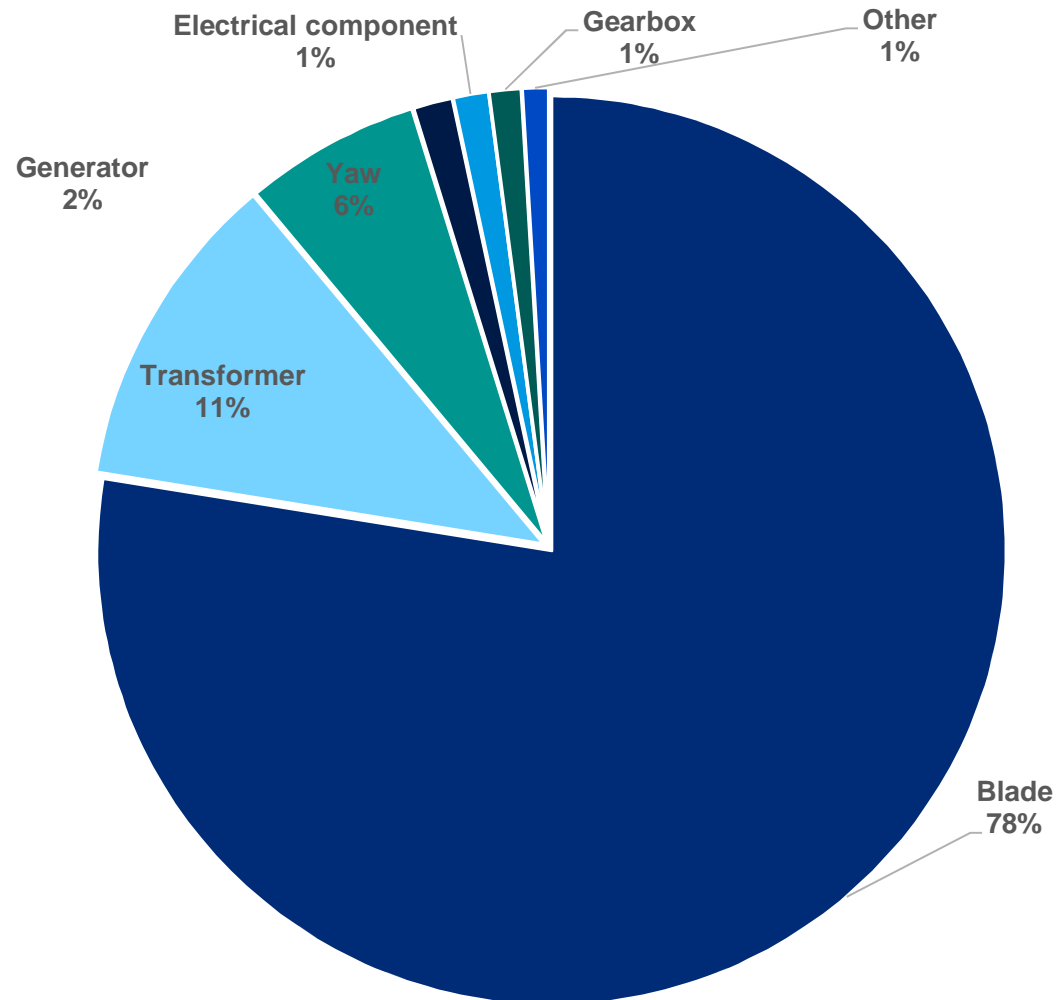


# SWEDISH WIND POWER – LOSS SCENARIOS & LEARNING

## MOST EXPENSIVE COMPONENT DAMAGE

The predominant cost for the insurance companies are blade damages.

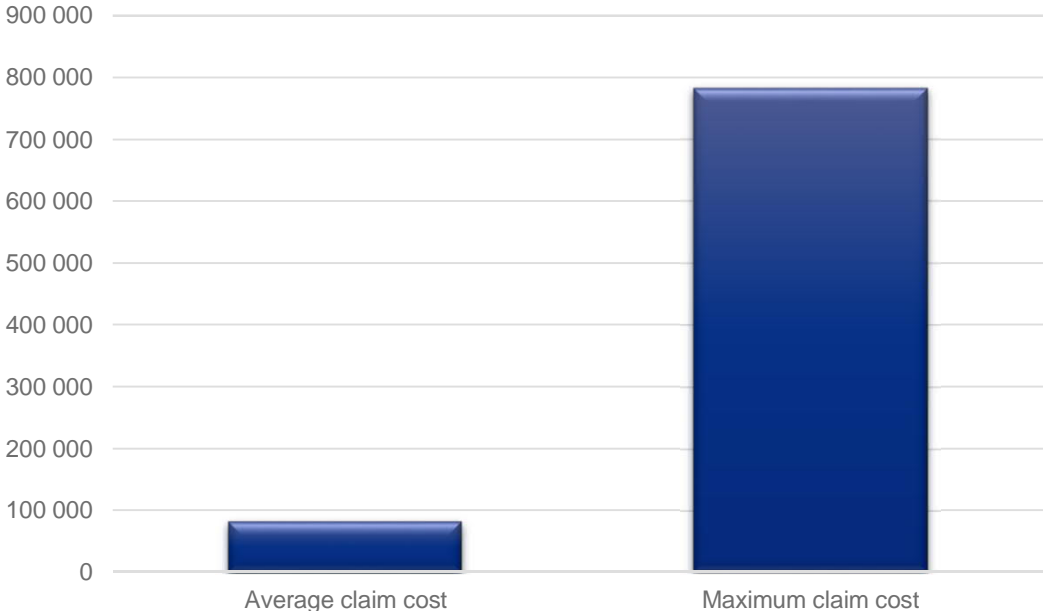
The cost for transformer failure is high compared to what we seen earlier.



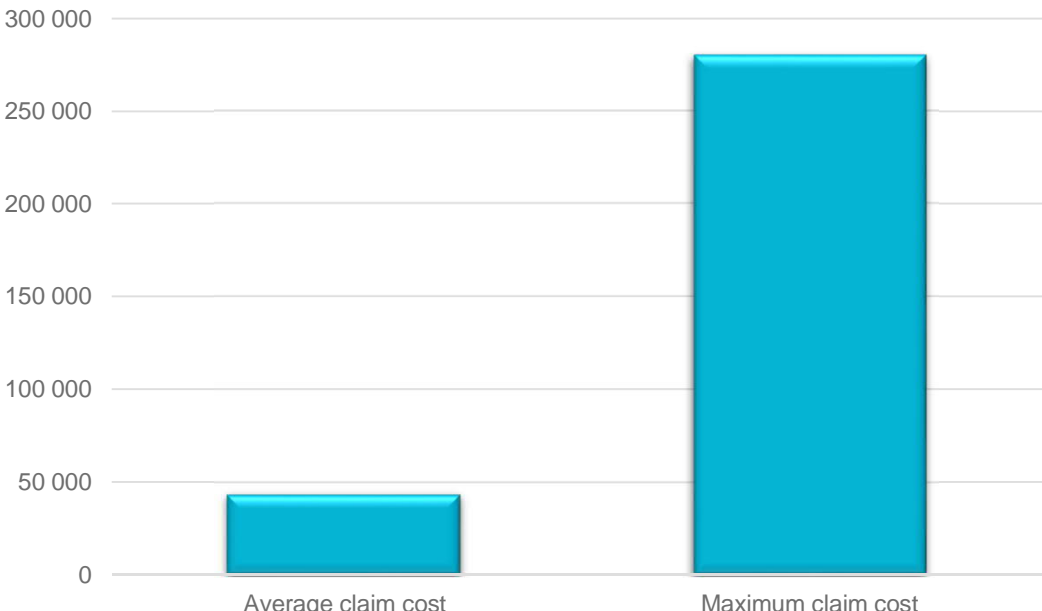
# SWEDISH WIND POWER – LOSS SCENARIOS & LEARNING

## AVERAGE AND MAXIMUM CLAIM FOR BLADE DAMAGE AND ELECTRICAL FAILURE

Blade damage (EUR)



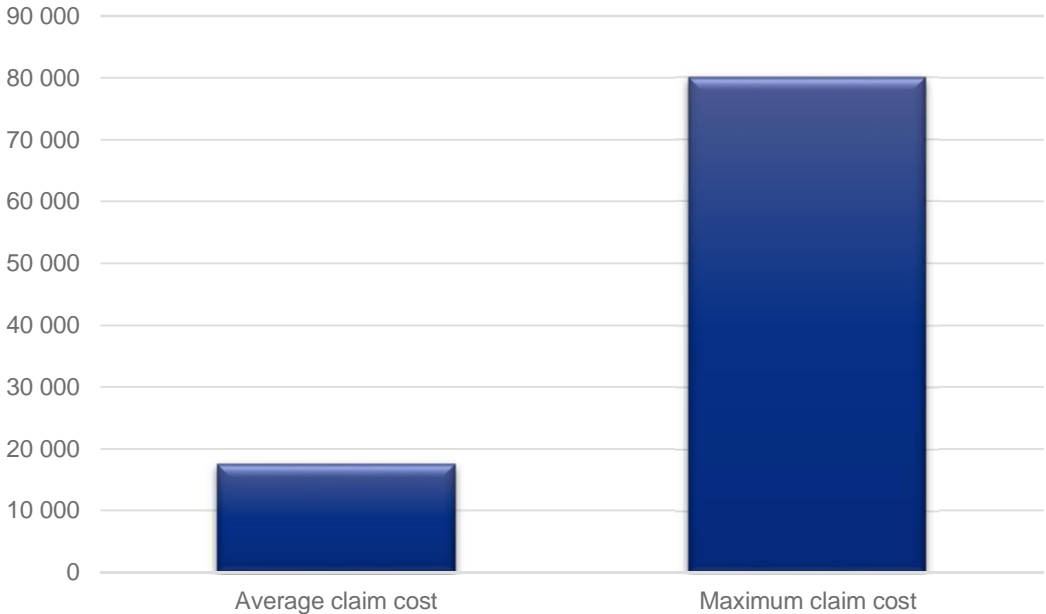
Lightning (EUR)



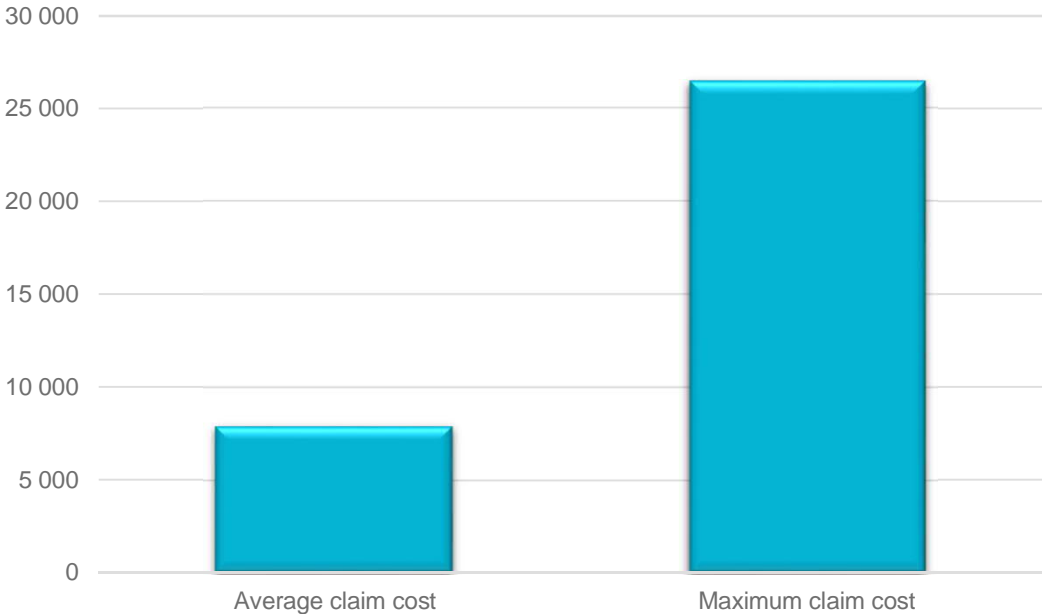
# SWEDISH WIND POWER – LOSS SCENARIOS & LEARNING

## AVERAGE AND MAXIMUM CLAIM ELECTRICAL FAILURE & SHORT CIRCUIT

Electrical failure (EUR)



Short circuit (EUR)







# Marsh Specialty