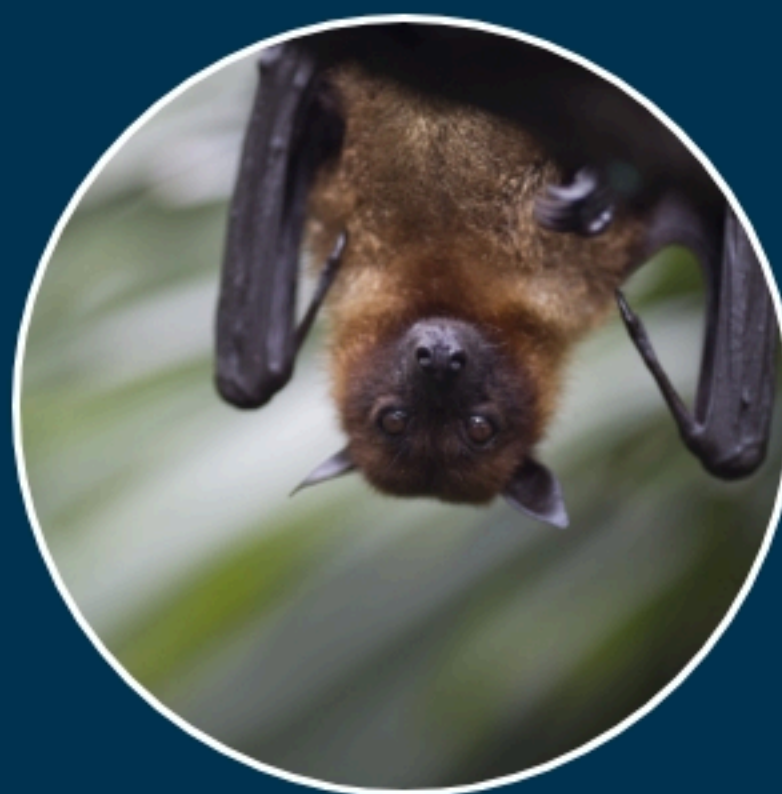





# Curtailment simulation

see your potential

**Bat curtailment strategy :**  
*decisions powered by data*





 Quantify the opportunity to move from your fixed curtailment strategy to ProBat<sup>®</sup>'s dynamic, multifactorial curtailment system.

- *Designed to balance species protection and energy loss*

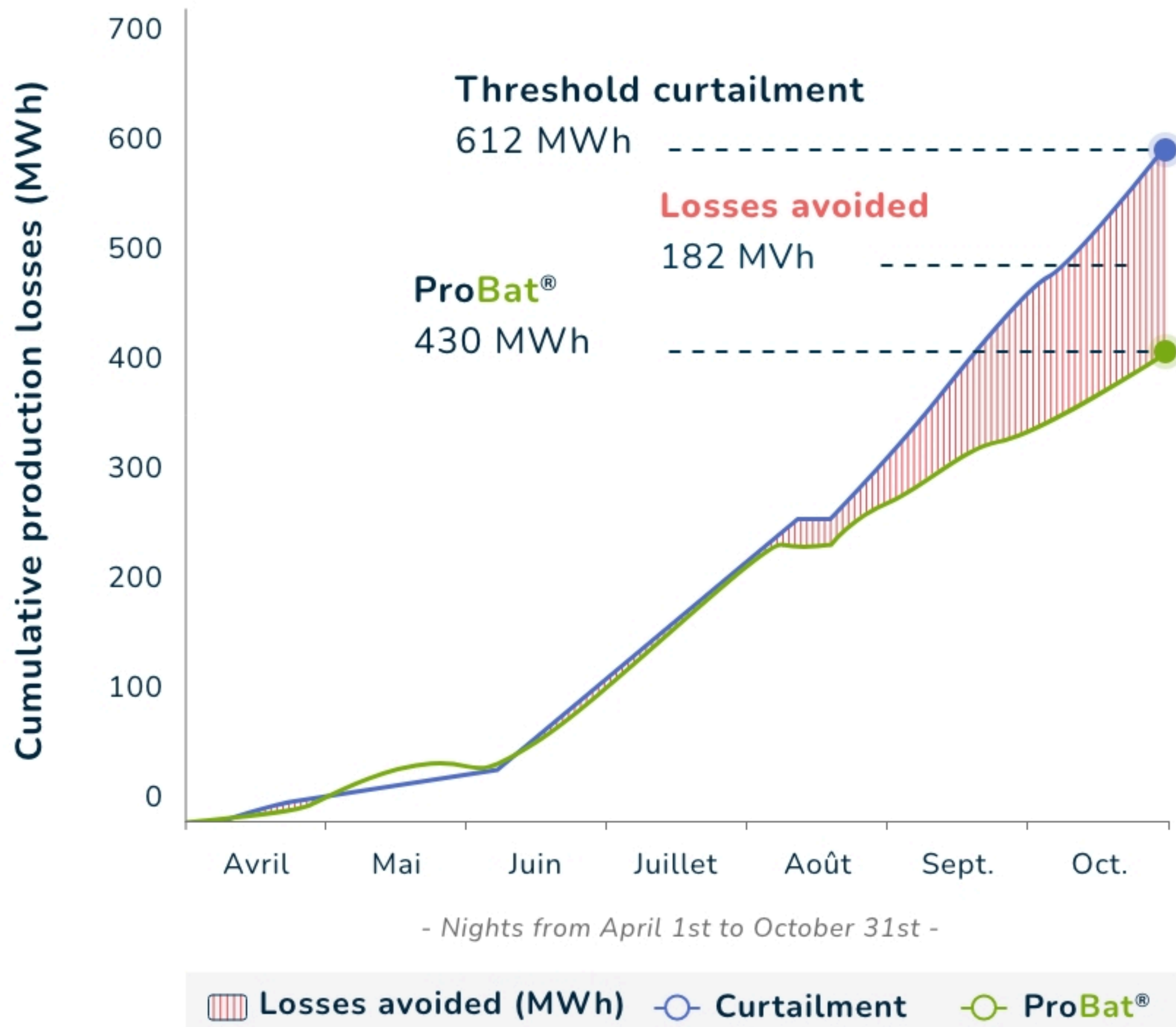
 Improve your wind farm's environmental performance:

- *Find the optimal balance*
- *Test ProBat<sup>®</sup>'s dynamic & multifactorial approach*
- *Fine-tune its parameters*

 To get started, we need:

- *Timestamped and post-processed acoustic data*
- *Wind turbine model*
- *Timestamped wind and temperature data*





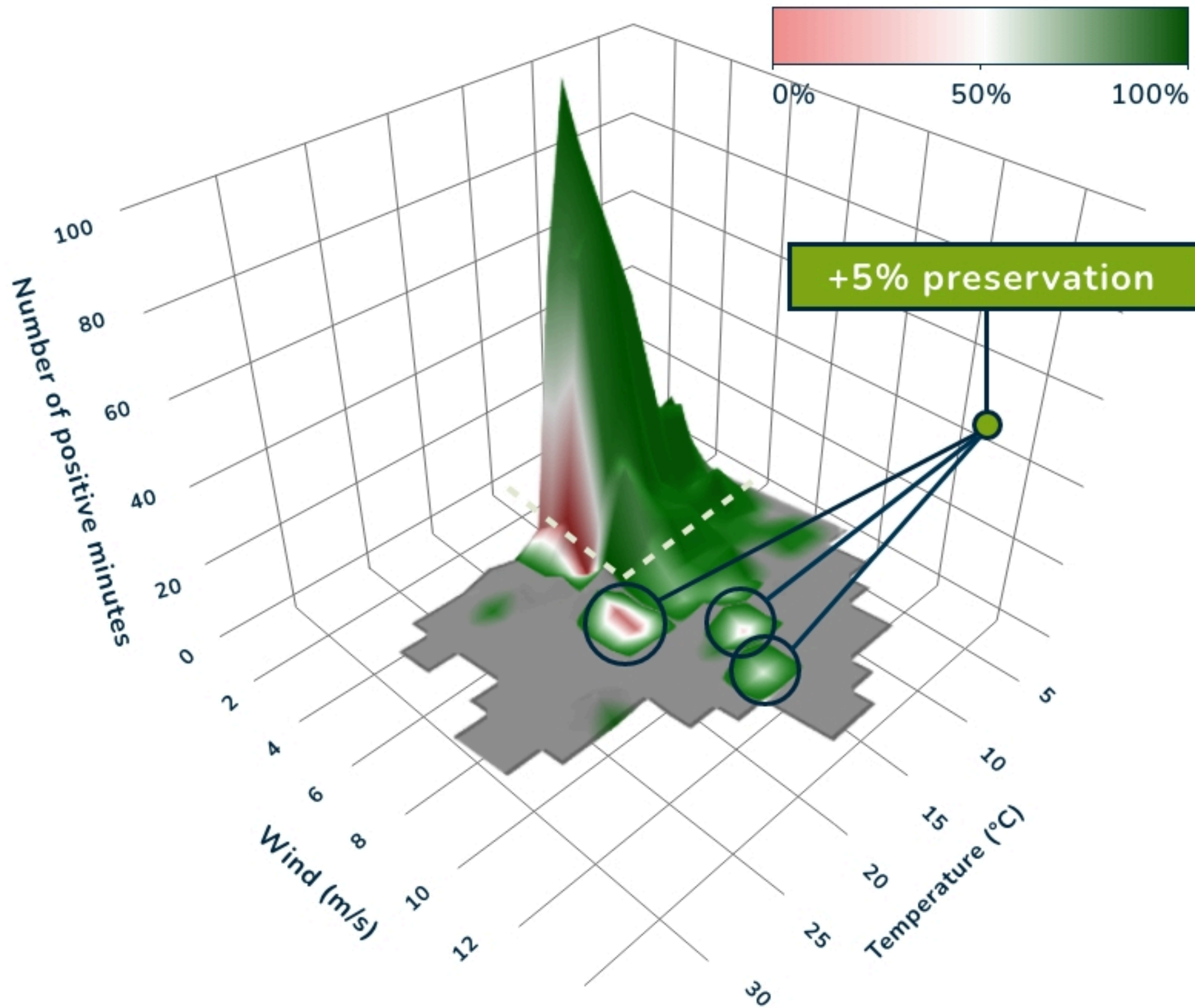
## Comparative simulation: bat curtailment on thresholds vs. ProBat® curtailment

Result of a simulation at equal preservation rate on real data, with threshold-based curtailment over 7 periods between April and end of October. (Wind < [6–7.5 m/s] and temperature > [9–13 °C] depending on the period)



# Preservation rate (%)

with ProBat<sup>®</sup>, based on temperature and wind




**From static to smart**





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