

#iaia21

Removing guess in EIA: a cross-continent analysis of fatalities at windfarms

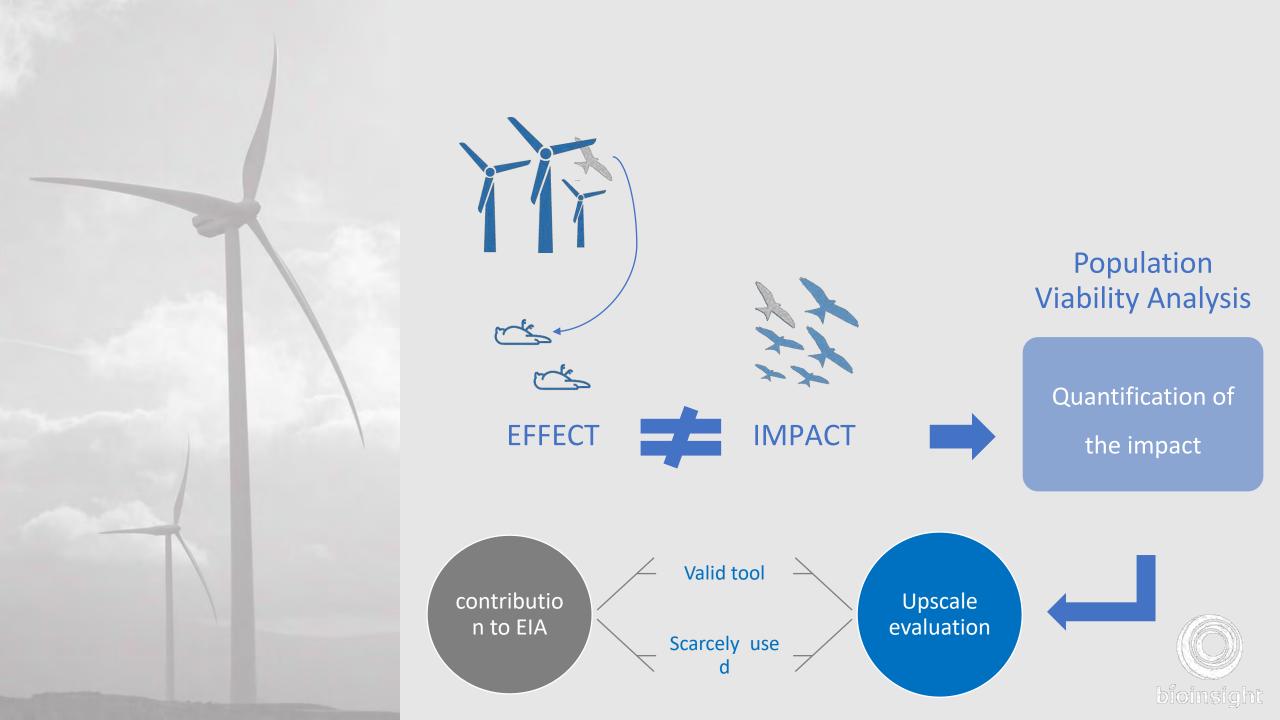
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What PVA brings?



Main advantages

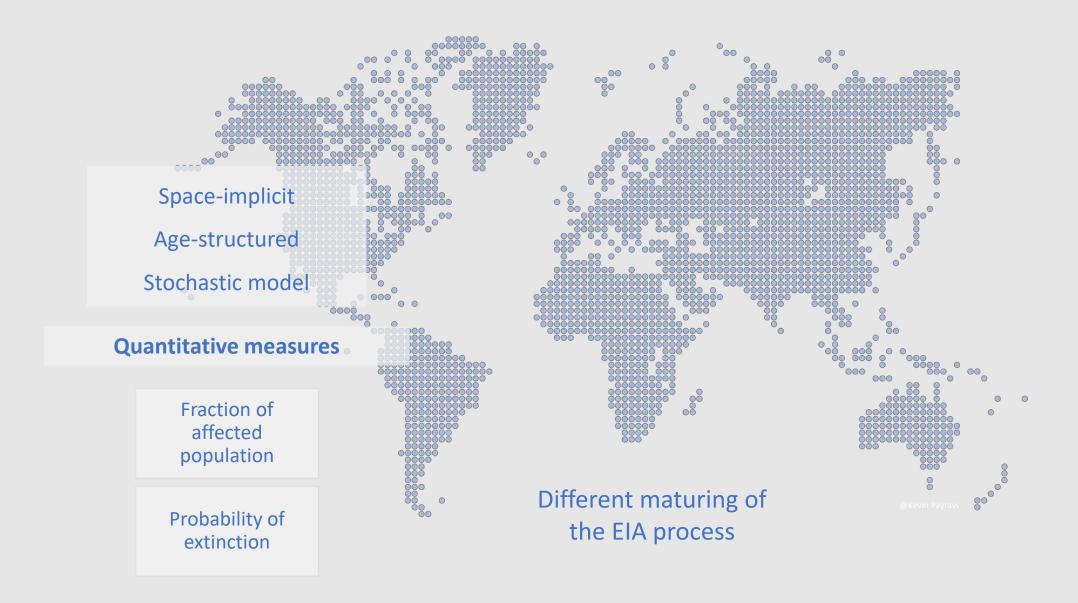
 Quantification over a more qualitative (subjective) assessment

Main drawbacks

- Model requirements
- EIA stage might not be "ready" to deal with such outputs

Depends on maturing of the EIA process

The approach

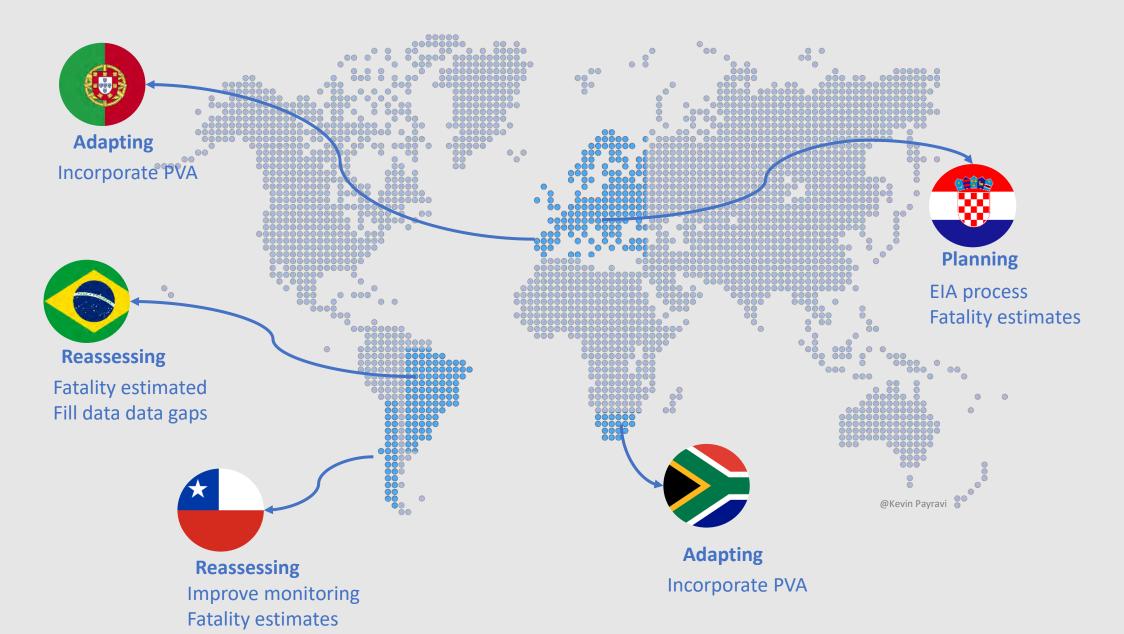


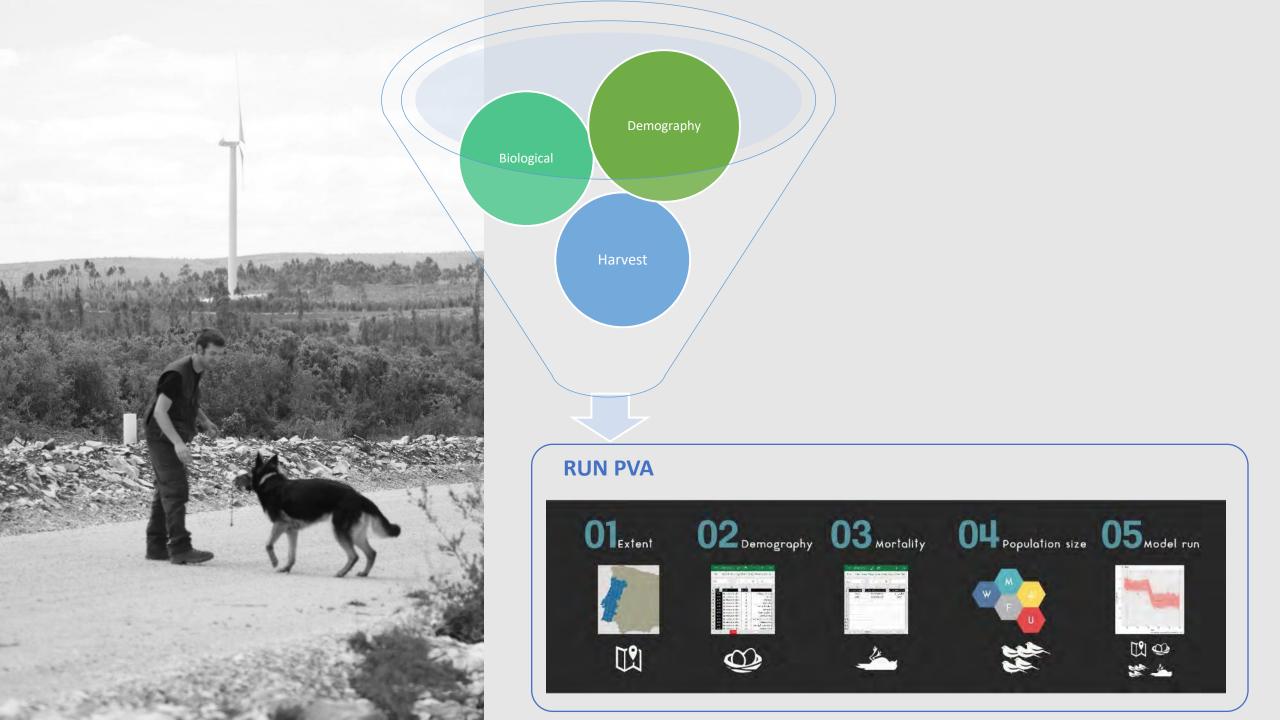






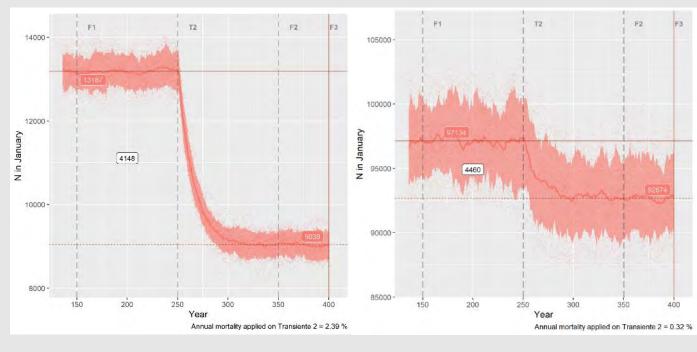
Improve monitoring
Fatality estimates





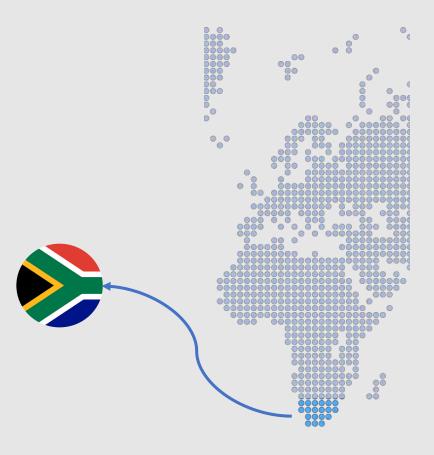






 SPECIES
 MORT. RATE
 N BEFORE IMPACT
 N AFTER IMPACT
 POP. REDUCT. (%)
 PROB. EXTINC.

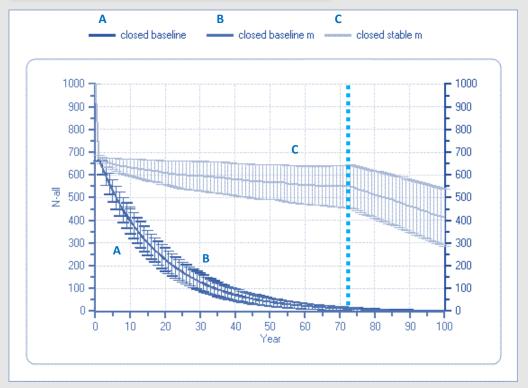
 Coragyps atratus
 0% - 2%
 13187 - 98578
 9039 - 97134
 5% - 31%
 0%





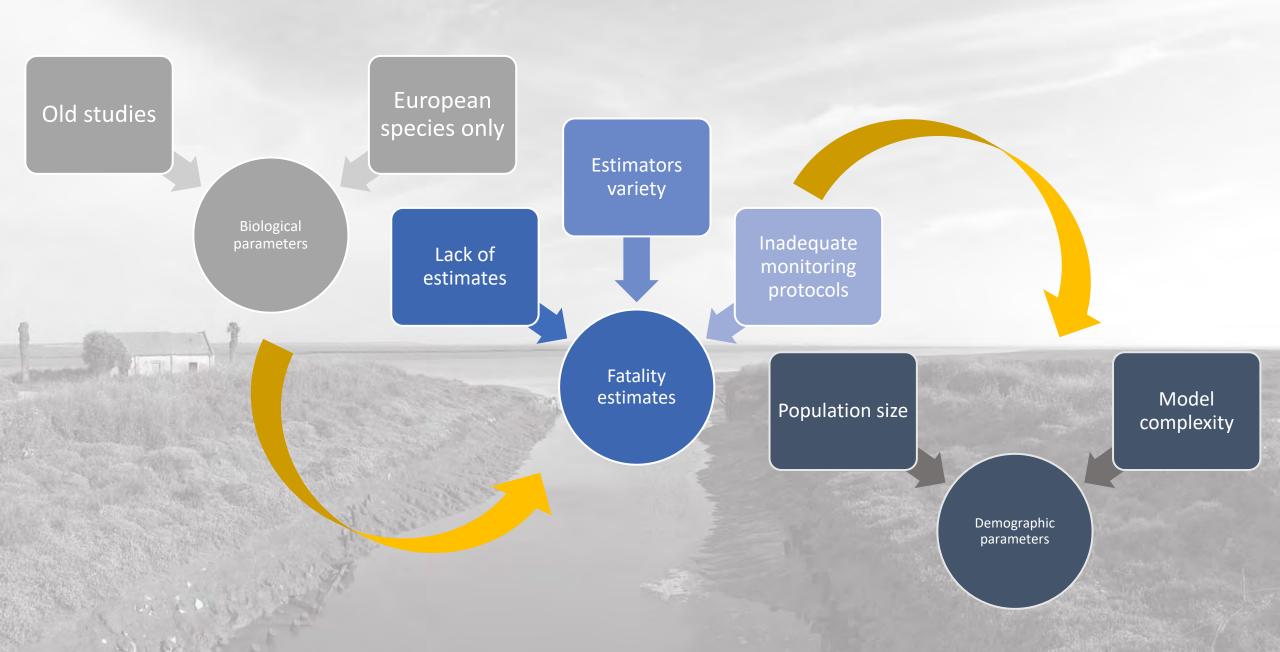
@ Jason Wrench





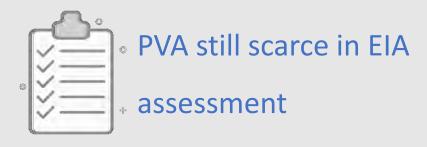
Scenarios of population reduction for *Aquila verreauxii*

Main challenges



Main challenges





Complex methodology

ability to **recognize the limits** of the analysis





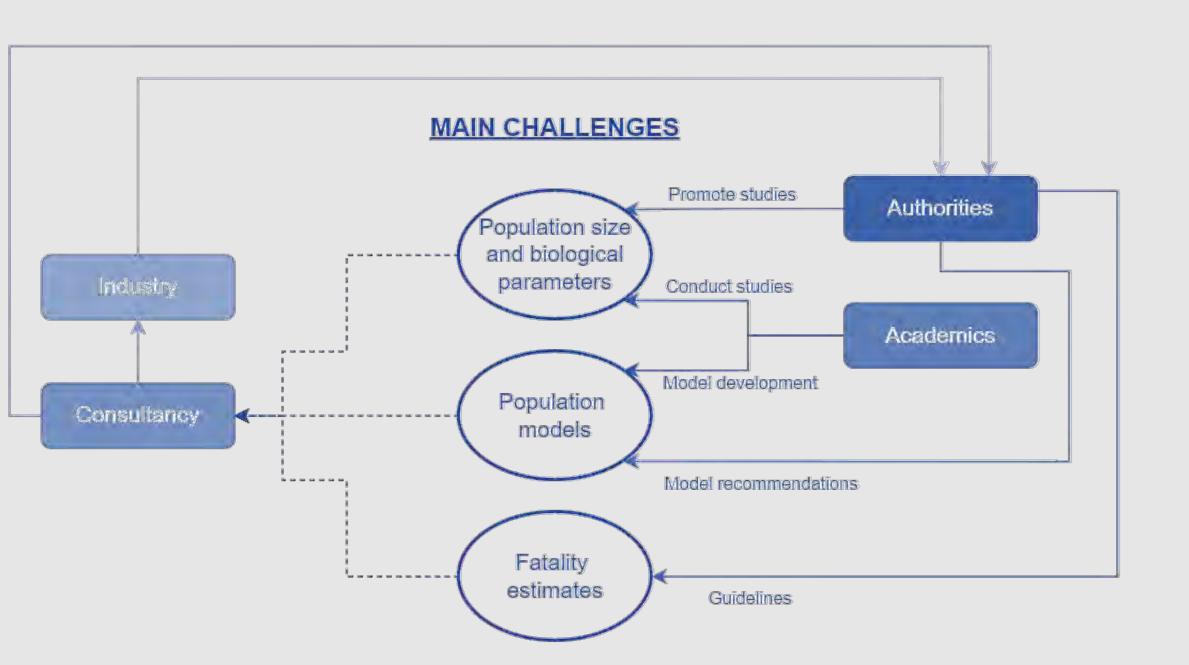
Effects remain

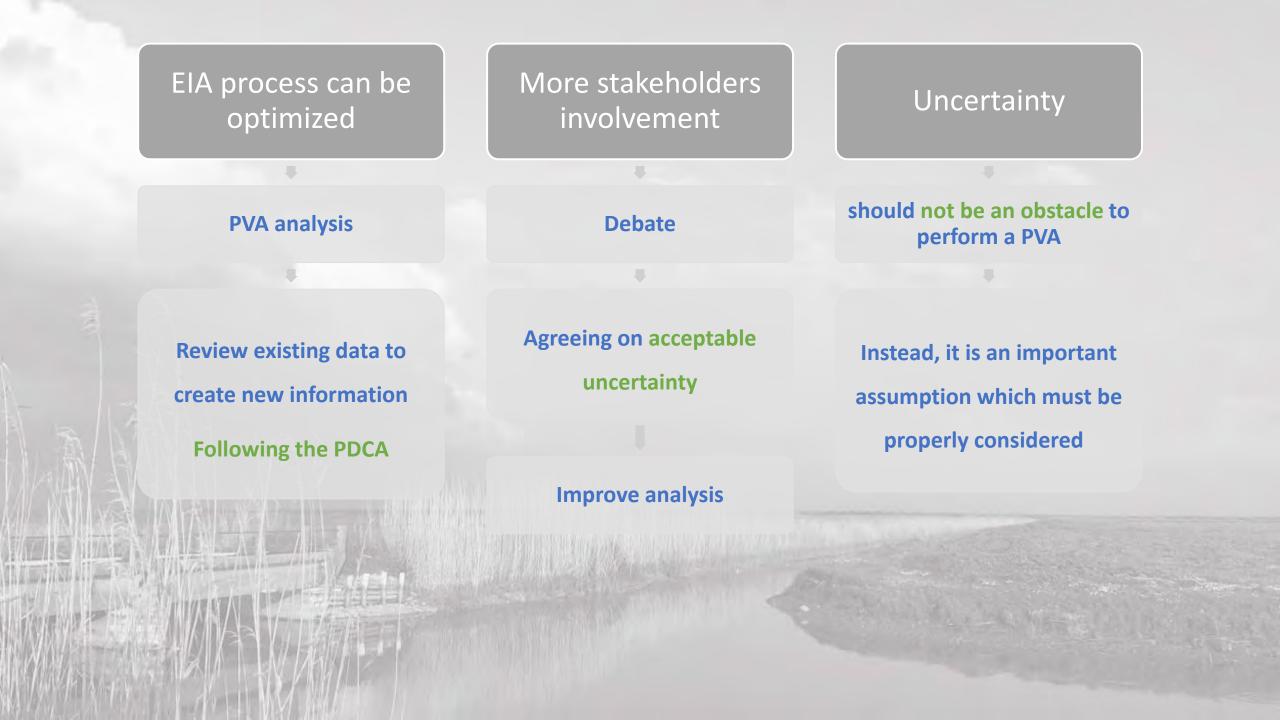
population reduction

Important to not neglect

Deal with residual impacts









Thank you!

Let's continue the conversation!

Post questions and comments via chat in the IAIA21 platform.



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