MOVING TOWARDS BEST PRACTICE FOR BIRD MORTALITY MITIGATION IN WIND POWER PLANNING, SWEDEN
1. Background
2. Research Question
3. What we did?
4. Technologies
5. What we found?
6. Recommendations
7. Conclusions
Initial abstract – evaluate available mitigation technologies

Legislative issues

Lack of technical data

Research Q & Method???
Research Question

To investigate the potential for moving towards a best practice for bird mortality mitigation within wind power planning in Sweden through stakeholder engagement

Best Practice???
What we did?

1. Literature review/Analysis of Court Cases
2. Collaborative stakeholder workshop
3. Semi-structured phone interviews
Technologies

dtbird

IdentiFlight
Aerial Detection System
What we found?
What we found?

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What we found?

1. Stakeholder Workshop

Discussion Issues

- Noise: 9%
- Legislation: 14%
- Stop on Demand: 18%
- Grey Zones: 4%
- Acceptance & Testing: 55%

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What we found?

2. Semi-structured Interviews
   • 3 out of 4 stakeholders – could co-exist
   • legislation interpretations varied from stakeholder to stakeholder
   • merit of post construction mitigation options but only as a secondary option
• All highlighted the importance of access to further knowledge and data for the importance of pre-screening and siting as best option moving forward
What we found?

- Inconsistent level of knowledge on legislation
- Validation of technologies needed
- Accumulation of knowledge needed
- Need for shared knowledge base
- Suitability of technology for control programs once validated
- Gotland as potential test site
Recommendations

- Further dialogue
- Broaden stakeholder engagement process
- Testing and validation of both DTBird and IdentiFlight
- Technologies to be used within control programs alongside of ornithologists
- Strengthen communication/knowledge networks between authorities
Conclusions
Thank you!

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