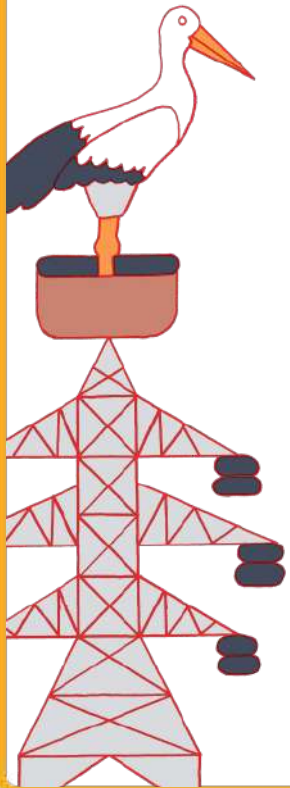


# SafeLines4Birds

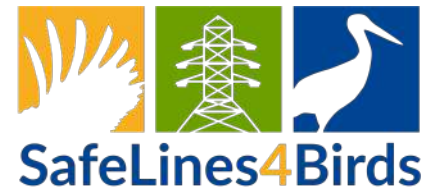
Reducing Bird mortality caused by power lines

Manon Quetstroey

Renewables Grid Initiative



20/02/2024



# Context

- Co-financed by LIFE Programme
- 6 years, 2023 - 2028
- France, Belgium & Portugal
- 15 partners involved: DSOs, TSOs, NGOs, Research Institute
- 13 target species



# Objectives



Reducing bird collision



Reducing bird electrocution



Reducing bird disturbance



Improving & sharing knowledge

# Target species



# Reducing Bird Collision

- Where? France & Belgium
- Installation of BFD on 60 km of high-risk lines
- Test of new anti-collision devices, such as ACAS
- Test of innovative installation methods of devices
- Placement of 15 to 20 km of lines underground
- Evaluation of the performance of BFD using semi-automatic cameras



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# Reducing Bird Electrocution

- Where? France, Belgium & Portugal
- Retrofitting & insulating of dangerous power poles
- Installation of 1,800 deterrence devices to prevent perching or nesting
- Installation of platforms & perches to protect birds that roost or nest.



# Reducing Bird Disturbance

- Where? France
- Adaptation of grid maintenance & surveillance methodologies in line with the breeding periods of the target species
- Limitation of helicopters flying over breeding sites where possible



# Improving & Sharing Knowledge

- Creation of a SafeLines4Birds open digital platform
- Dissemination of knowledge through brochures, social media, conferences, webinars, best practice events & workshops
- Networking with experts on the topic
- Enable better exchange between environmental NGOs & grid operators





# Where are we at?

- Preparatory actions until end 2024
  - Identification of project intervention sites
  - Validation of most efficient anti-collision & anti-electrocution devices
  - Validation of protocols
  - Networking, workshops & capacity-building



# Contact us



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