

WORKSHOP

Val-de-Poix /Belgium - 13-15 June 2023

Integrated **V**egetation **M**anagement (IVM)

- Renewables Grid Initiative -



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Integrated **V**egetation **M**anagement (IVM)

Experiences at E.ON



30 Years

Ecological Corridor-Management on HV powerlines



20 Years

Installation of bird protection markings (Zebra – RIBE)
with helicopter

e.on

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Installation of bird protection markings with helicopter

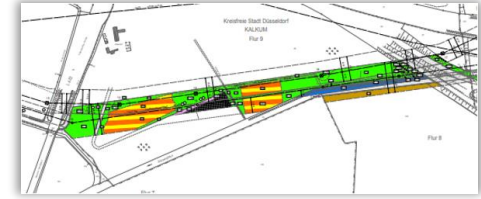
- 2003/2004 Development of the mounting process & approval by EASA (European Aviation Safety Agency)
- From June 2004 start of the assembly measures
- To date, >30,000 markings have been installed in approximately 800 km/3,000 power line spans (from Hamburg to Lausanne/Switzerland)
- Only good experiences so far in terms of effectiveness and durability
- Other types (Fireflies) under test





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Ecological Corridor-Management on HV powerlines

- 1992 Development of the ECM concept at RWE
- 2005 For all route corridors with ECM potential (e. g. forest areas) there is a coordinated ECM maintenance concept (6,000 ha)
- 2021 E. ON Resolution of the Executive Board:
Rollout of the ECM in all 15 E. ON companies to 2029 (on approx. 70,000 ha)

in Czech Republic, Germany, Hungary, Romania, Sweden, Slovakia





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Ecological Corridor-Management

Successes 😊

- Valuable contribution to the protection of nature & species in our corridors
- create more resilience for our grid

Obstacles 😞

- Costs increase in the early years
- A change of mindset is needed in the units

