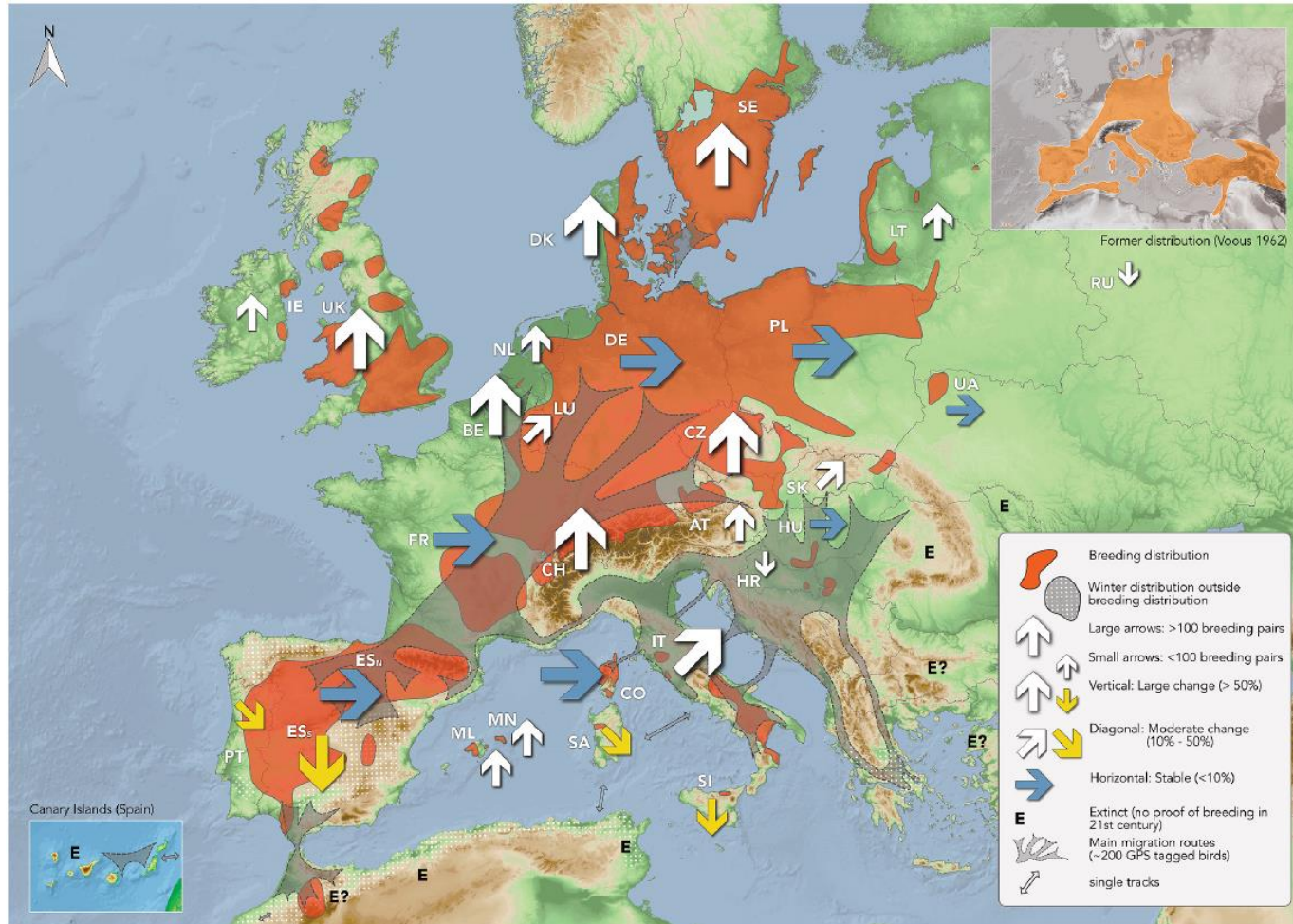


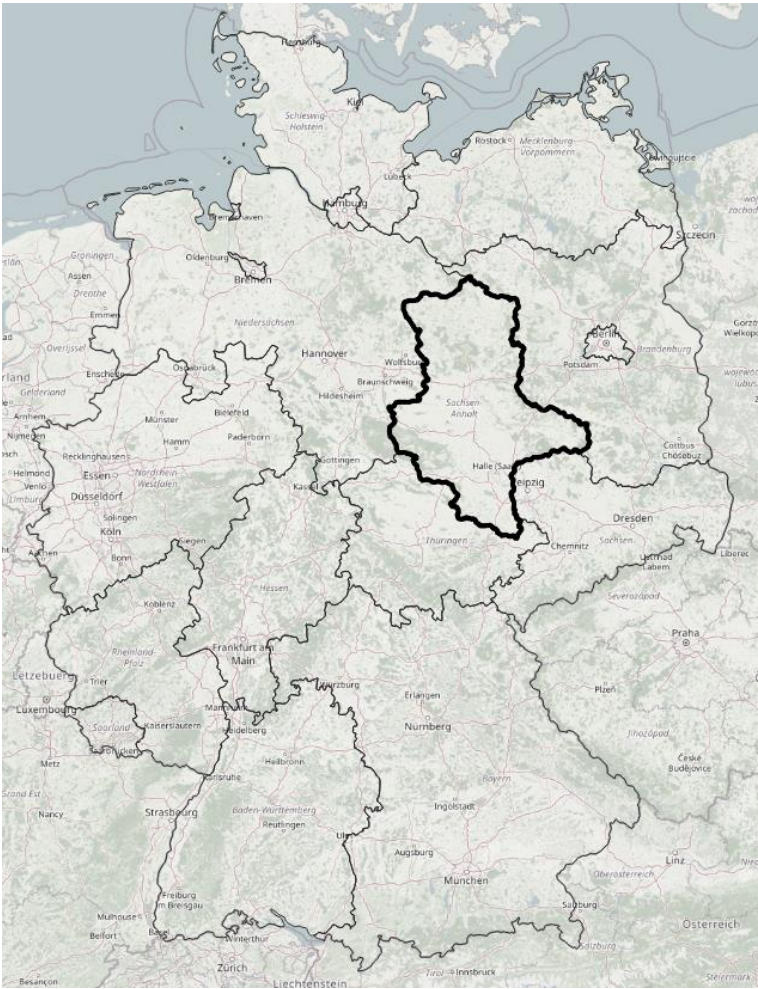
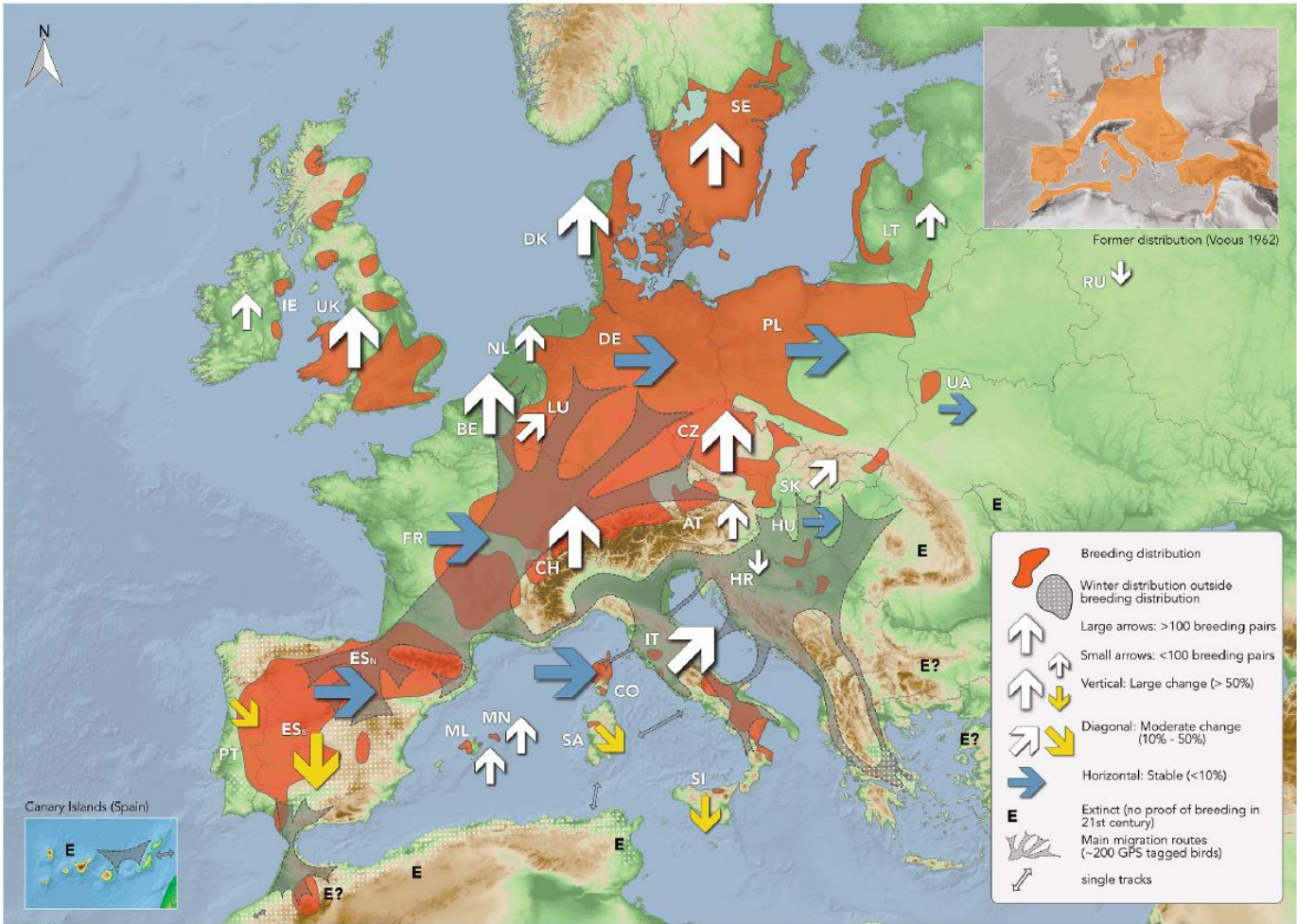
Breeding Monitoring of Red Kite in Saxony-Anhalt (Germany)



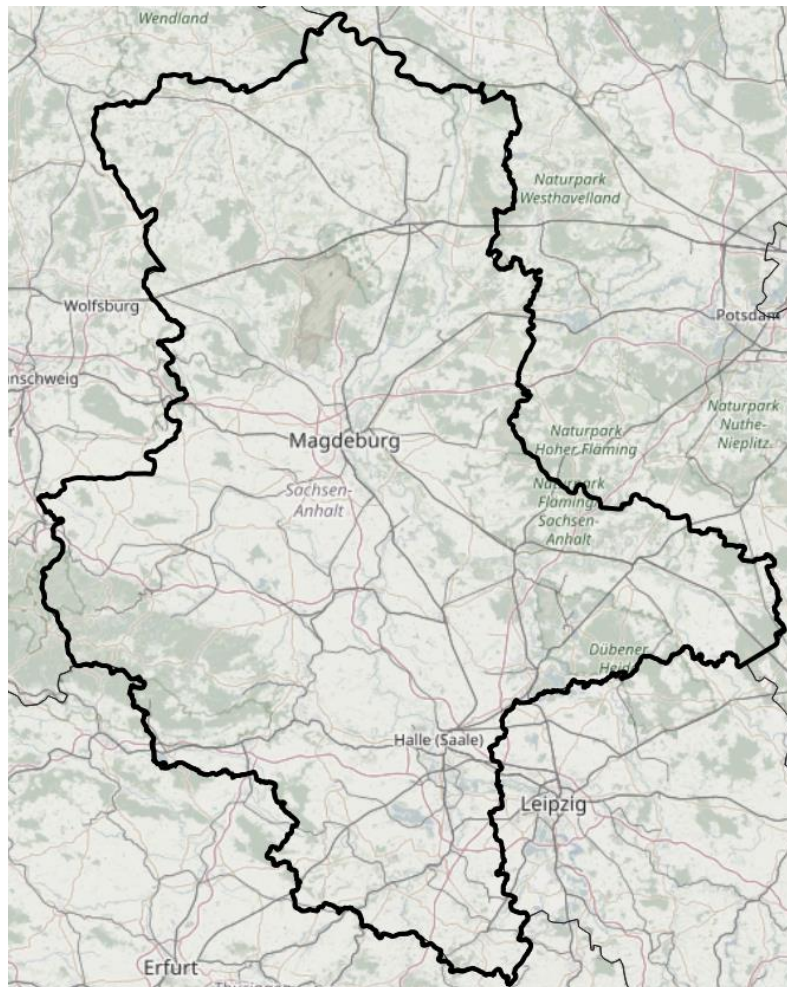
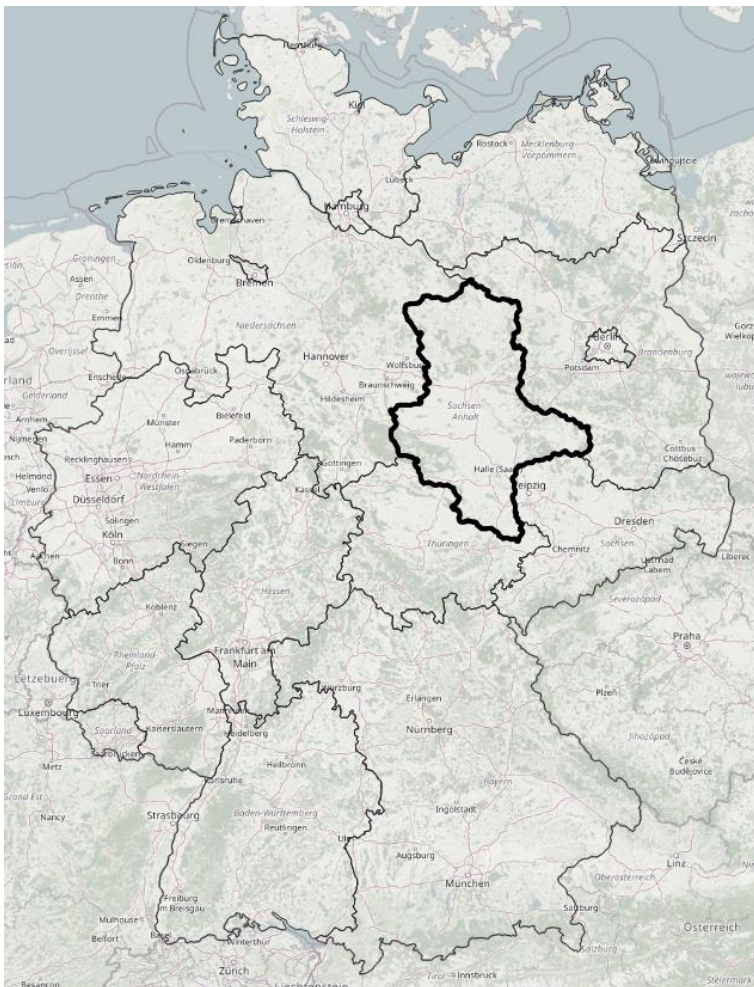
Where are we?



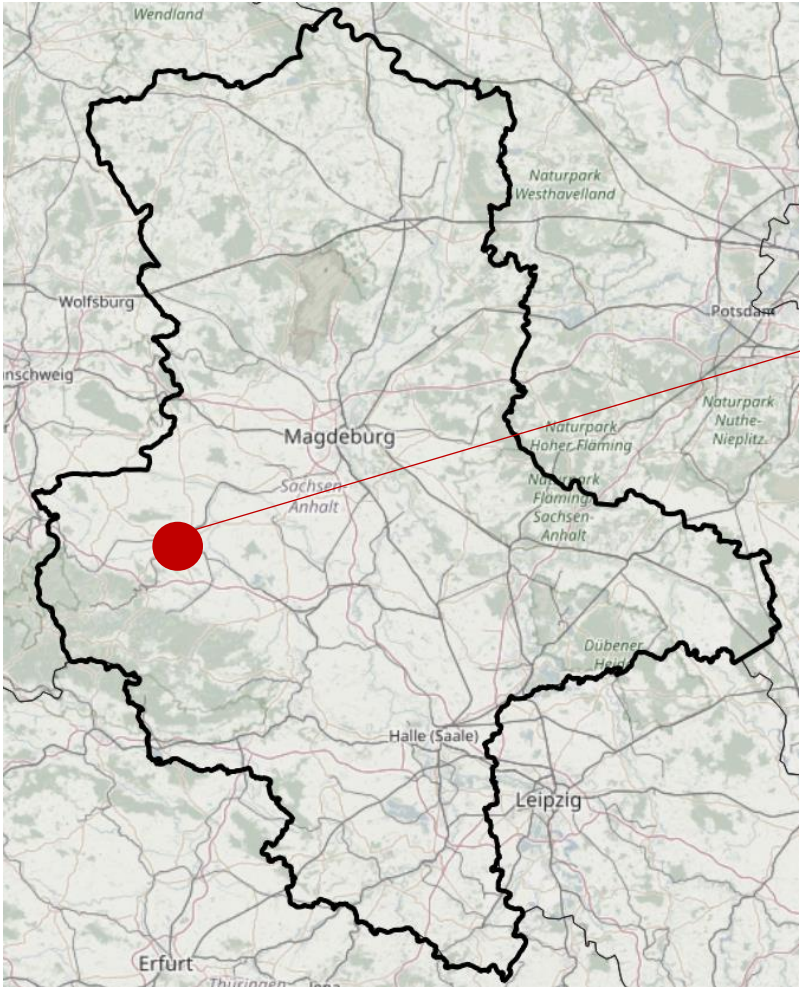
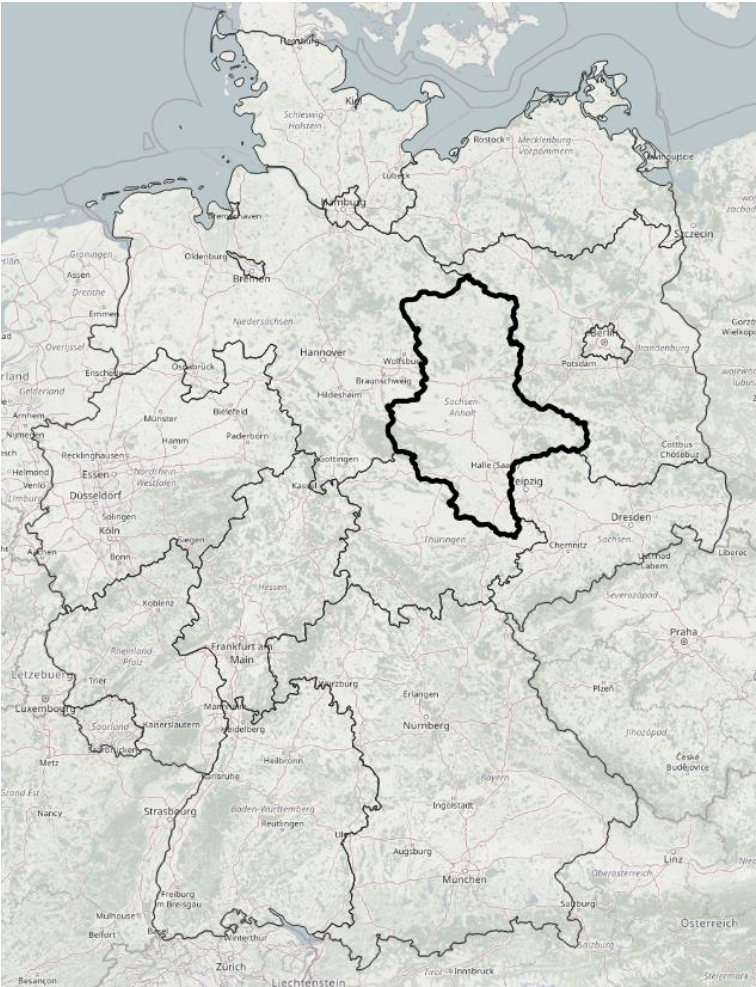
Where are we?



Where are we?

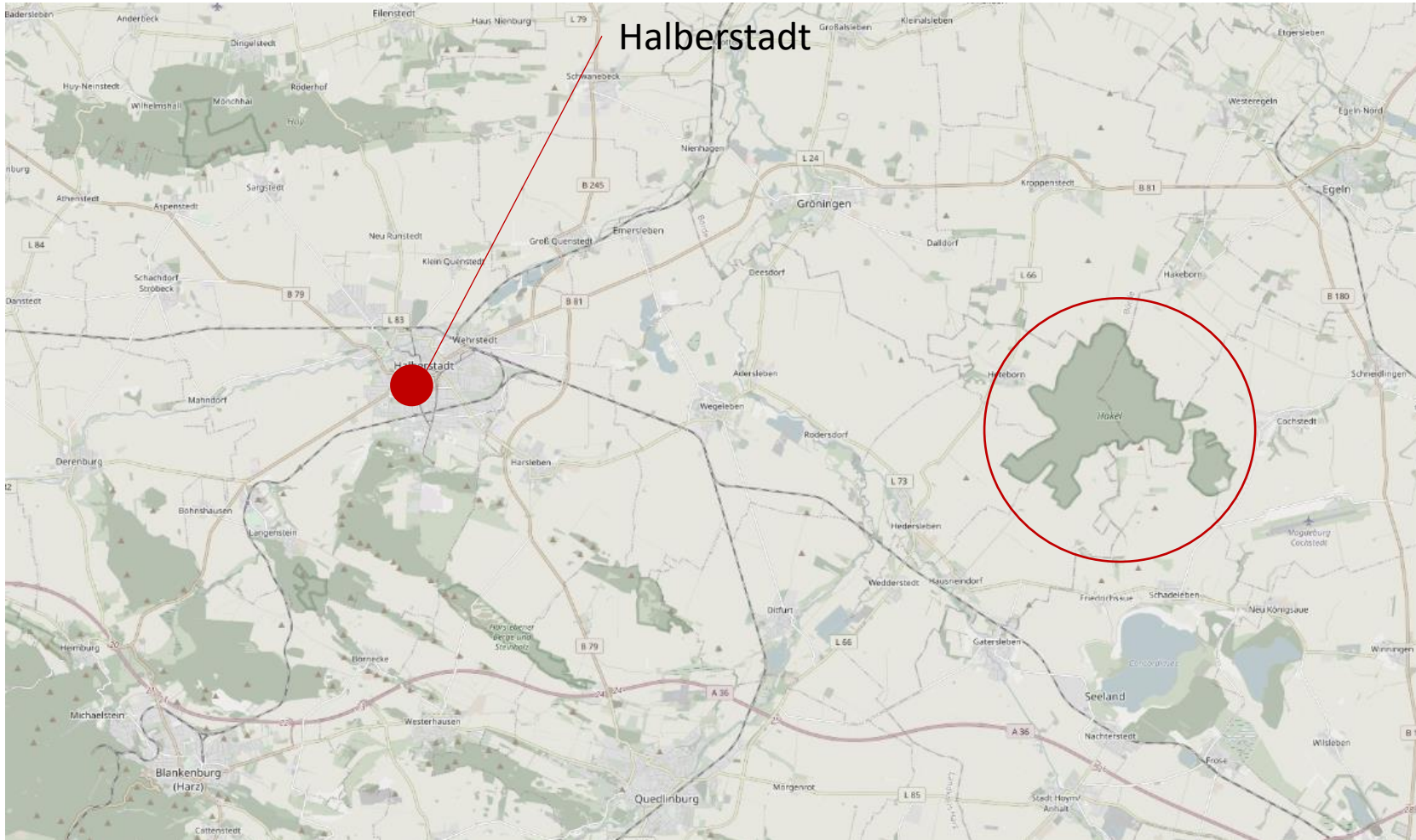


Where are we?



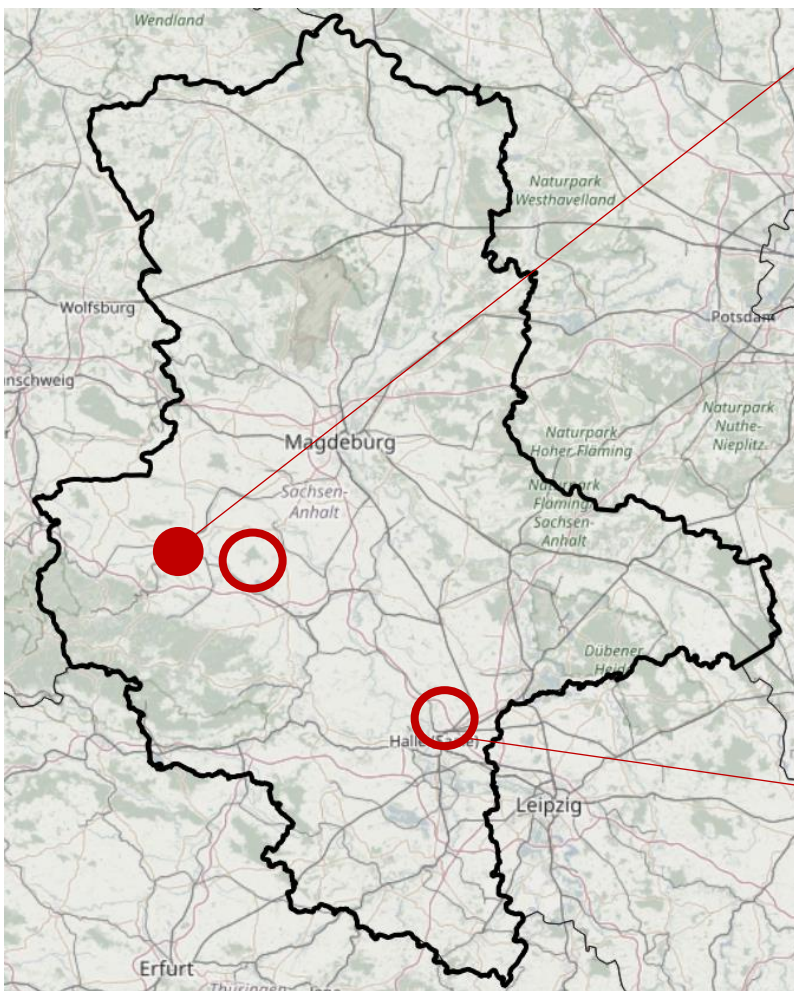
Halberstadt

Monitoring of Birds of Prey – the beginning



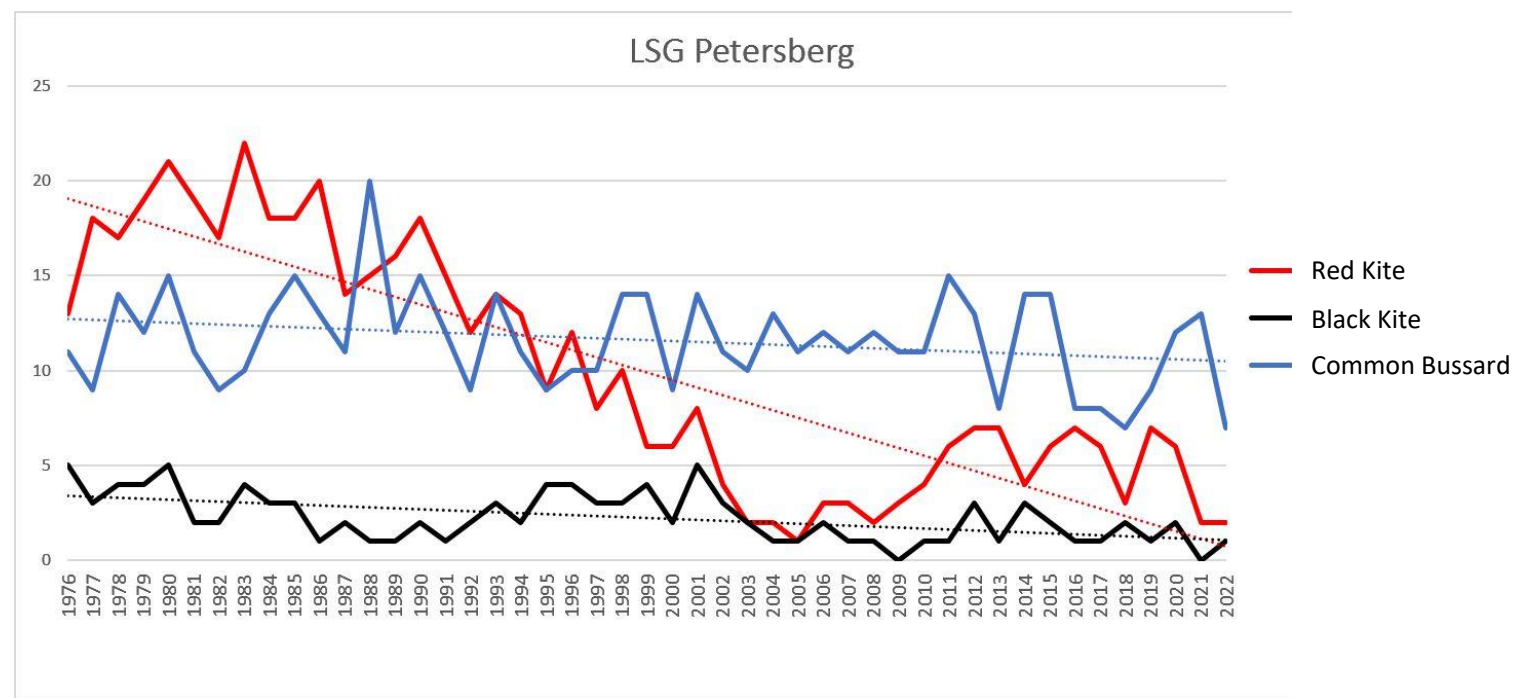
- first systematic monitoring of Birds of Prey started in 1957
- Location: „Hakel“ forest
- Initiated by head forester KURT WUTTKY
- Continued until today
- famous as „forest of the Red Kite“
→ 136 breeding pairs in 1979

Monitoring of Birds of Prey – the beginning



Halberstadt

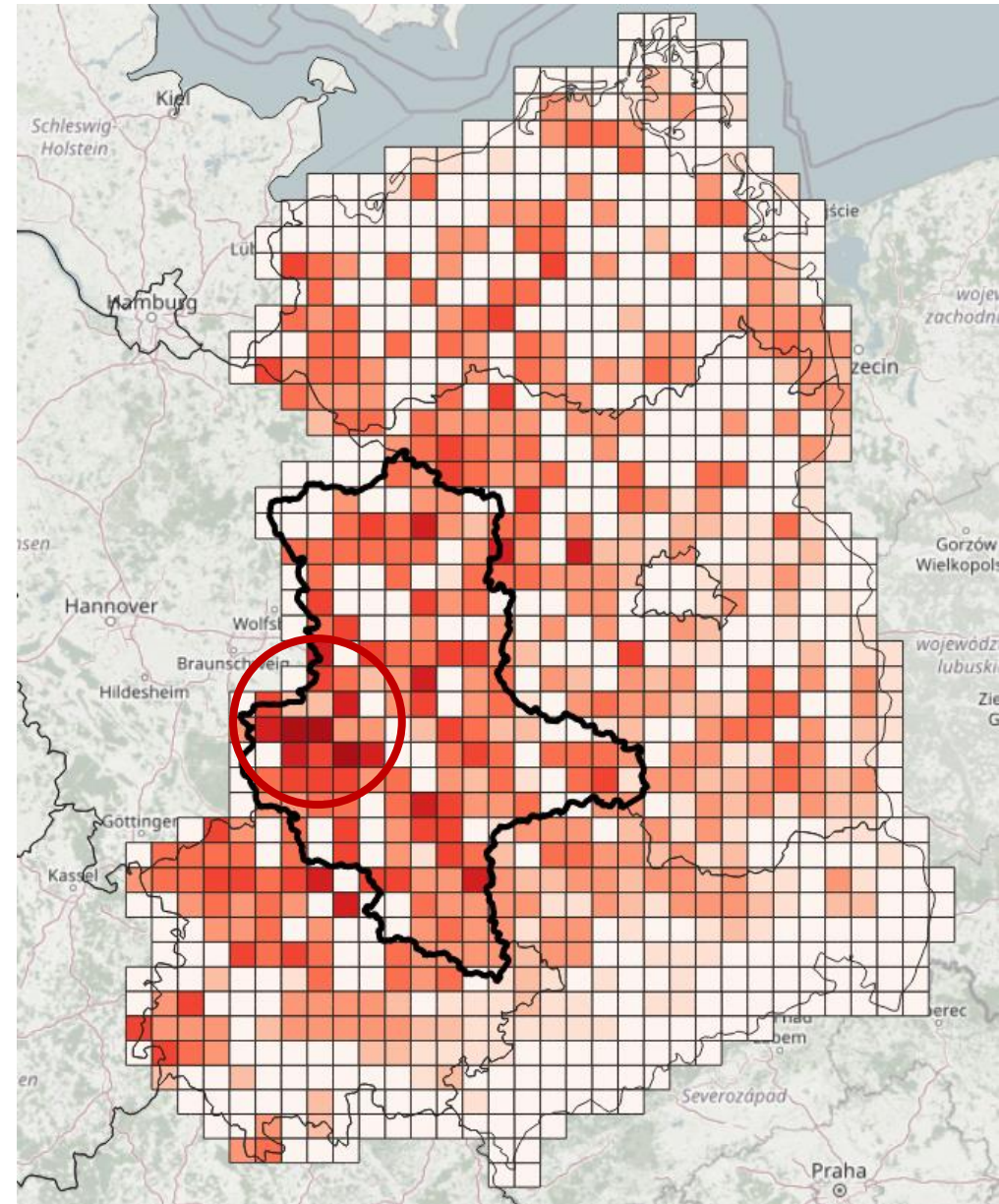
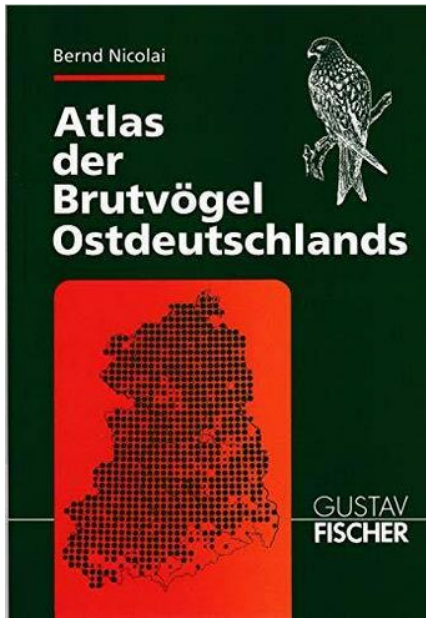
- Other monitoring areas followed a few years later



source: Schönbrodt & Steinborn *unpubl.*

Monitoring of Birds of Prey – the beginning

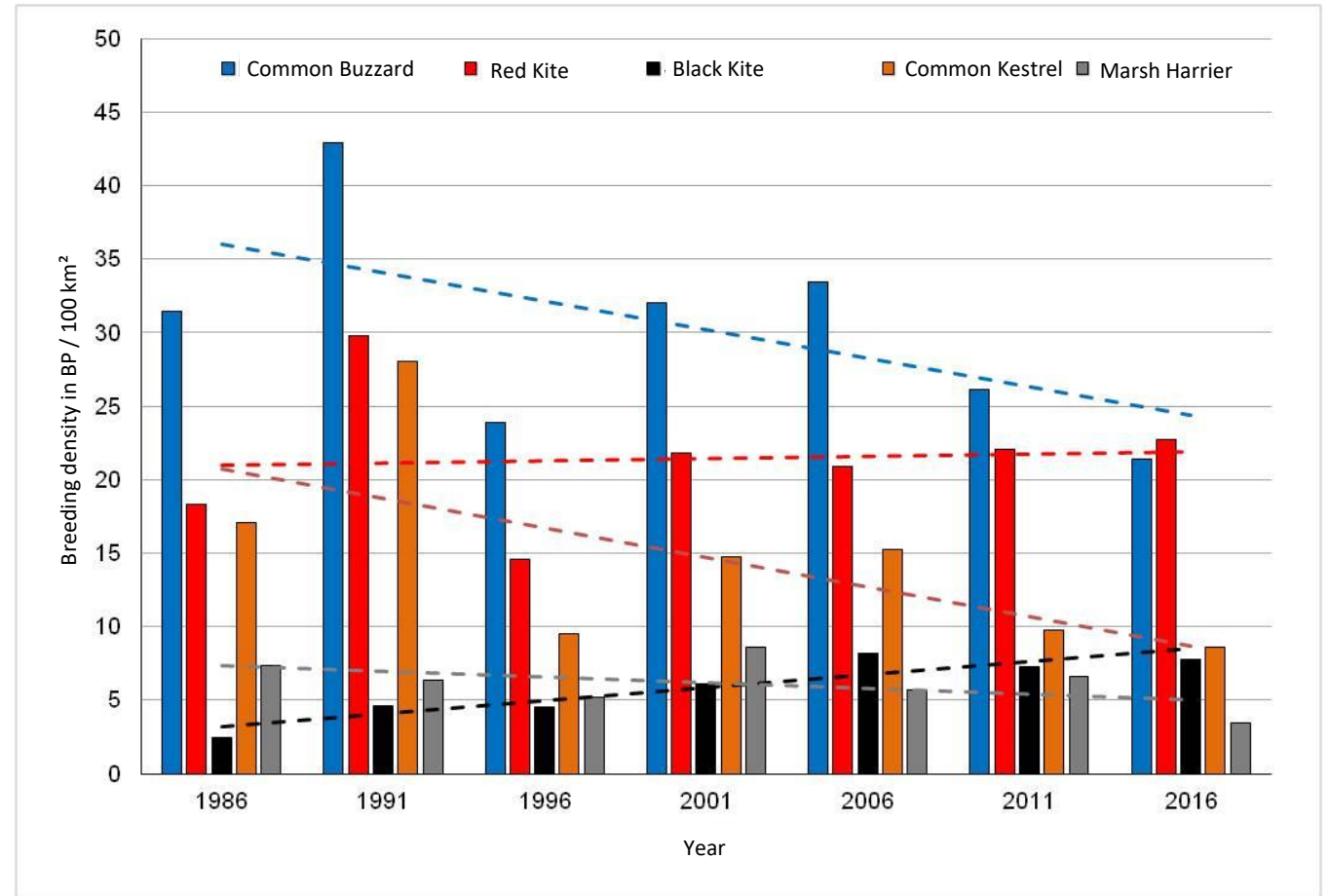
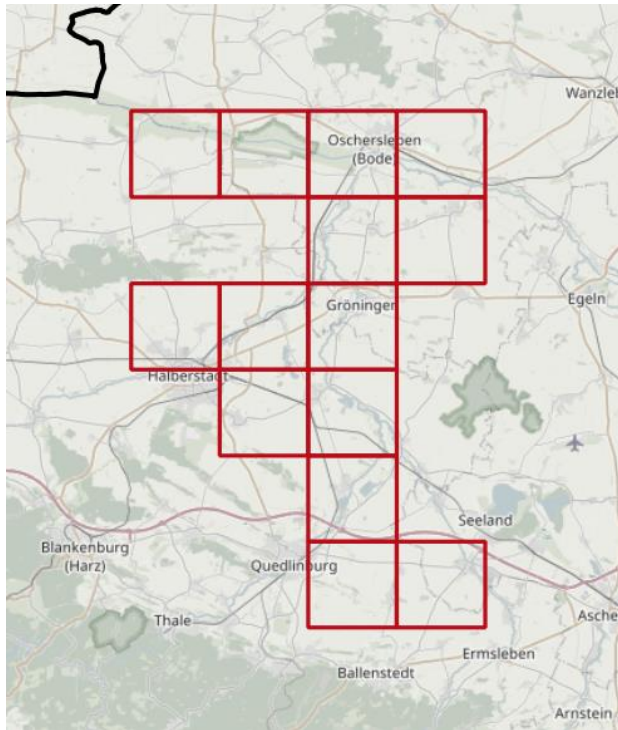
- Atlas of the Breeding Birds of East Germany between 1978 and 1982
- estimation of the population size in frequency classes
- Very high breeding density of Red Kite was detected in the area surrounding Halberstadt



Source: Nicolai 1993

Monitoring of Birds of Prey – the beginning

- A Monitoring was initiated by the Museum of Ornithology in Halberstadt
- started in 1986



Source: Kolbe & Nicolai 2017

Monitoring of Birds of Prey

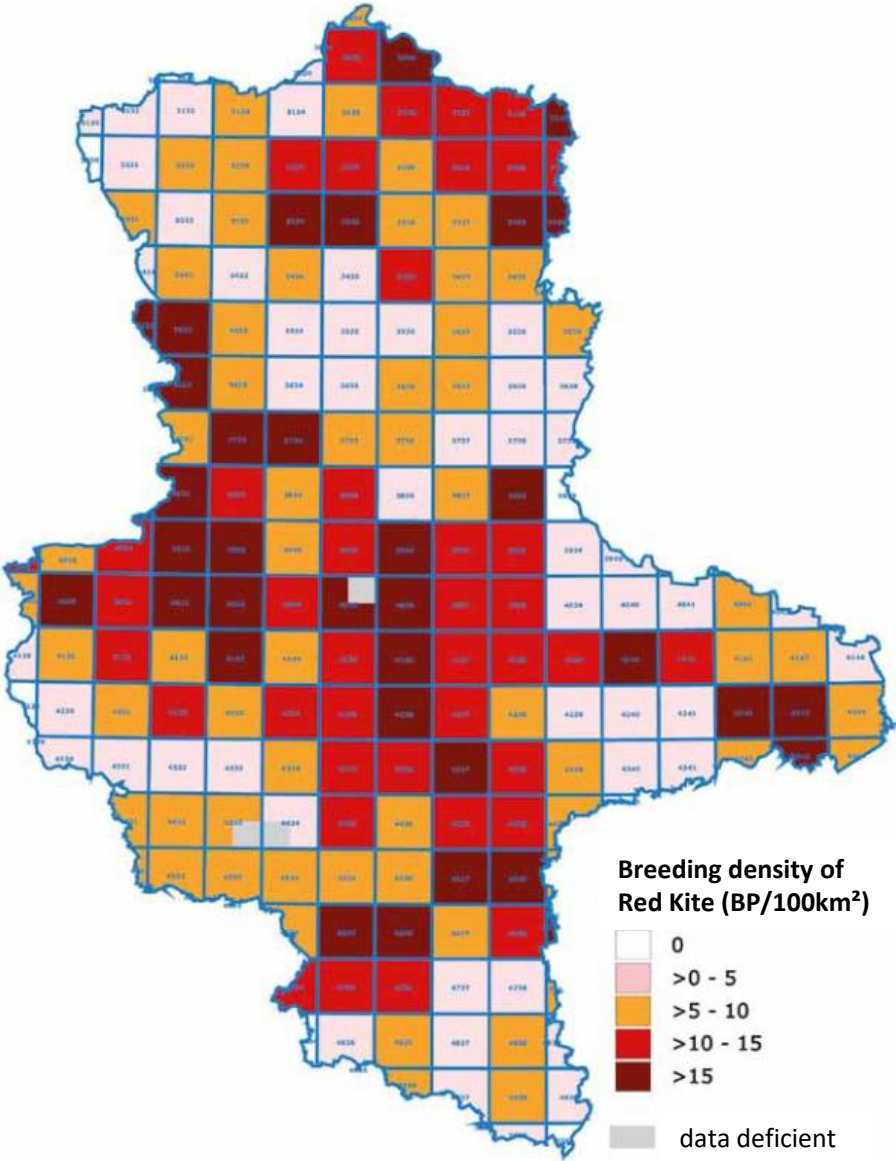
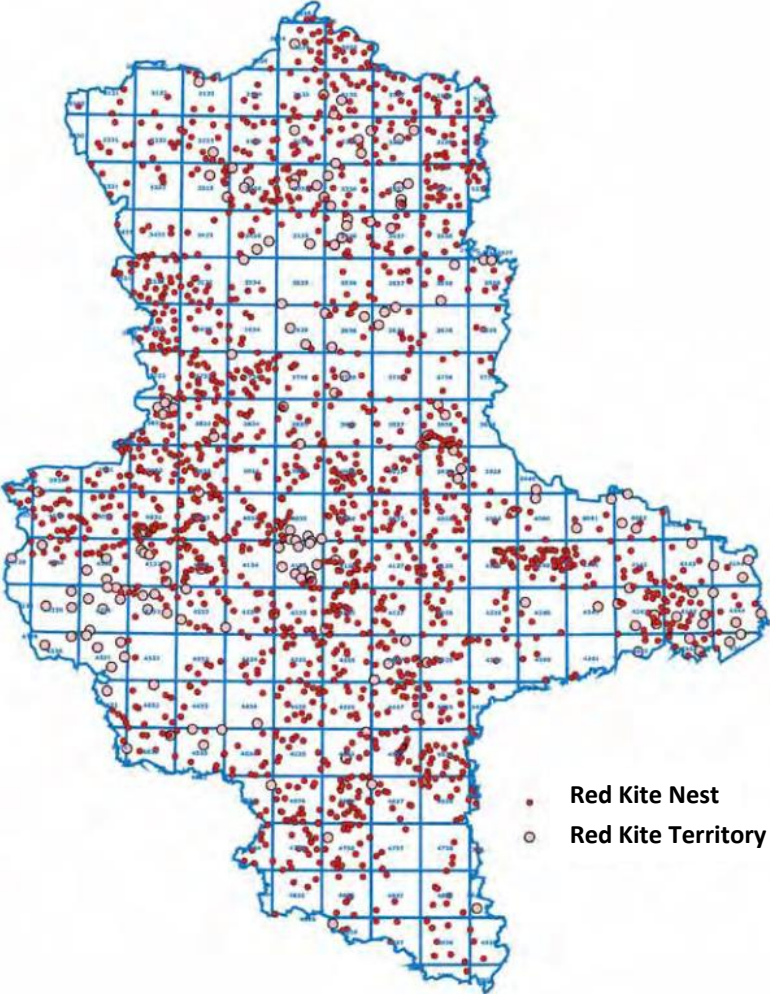
- in 1988 MEROS (**M**onitoring of **E**uropean **R**aptors and **O**wls) was initiated
 - possibility to combine the data to an overall trend
 - nearly 50 sample areas in Saxony-Anhalt
 - not all Raptor and Owl species are monitored on every sample site
 - But: due to location, size and number of monitored sites we can not estimate a population size for Red Kite
- A complete census is necessary to know the population size of Red Kite.



Monitoring Greifvögel und Eulen Europas (MEROS)

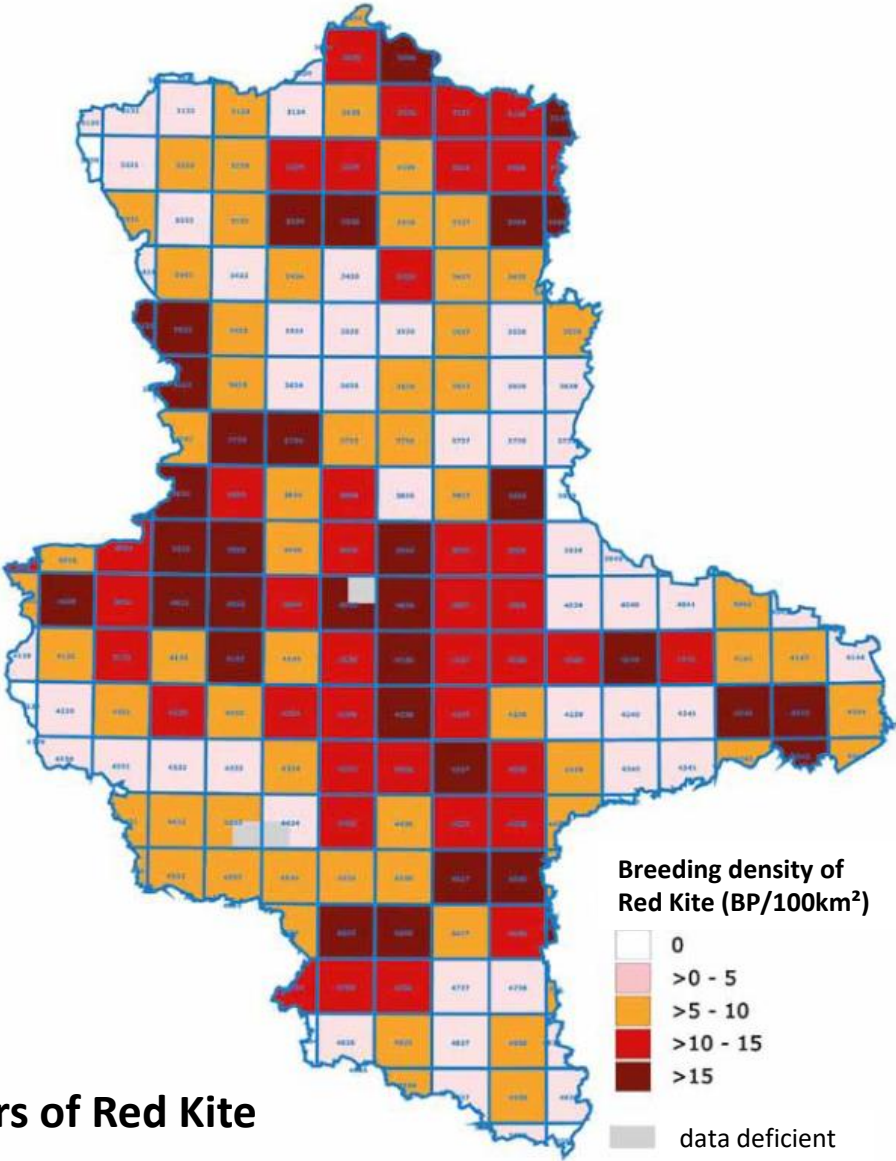
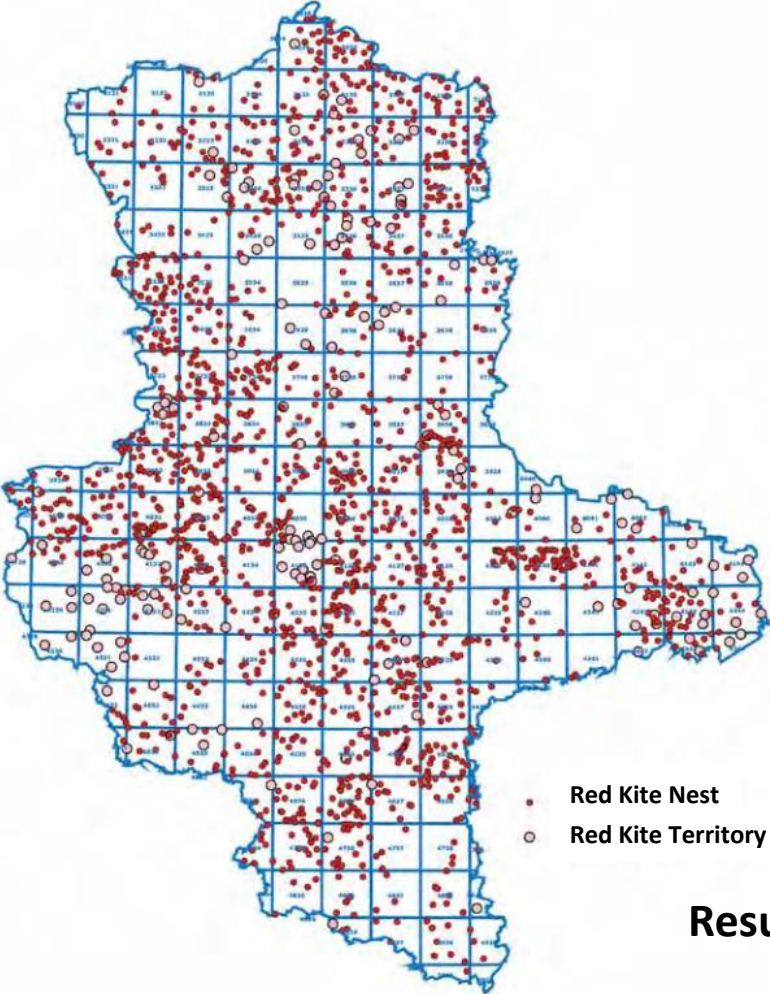
Source: Mammen et al. 2014

1st Complete census for Red Kite in Saxony-Anhalt 2012/13



Source: Mammen et al. 2014

1st Complete census for Red Kite in Saxony-Anhalt 2012/13



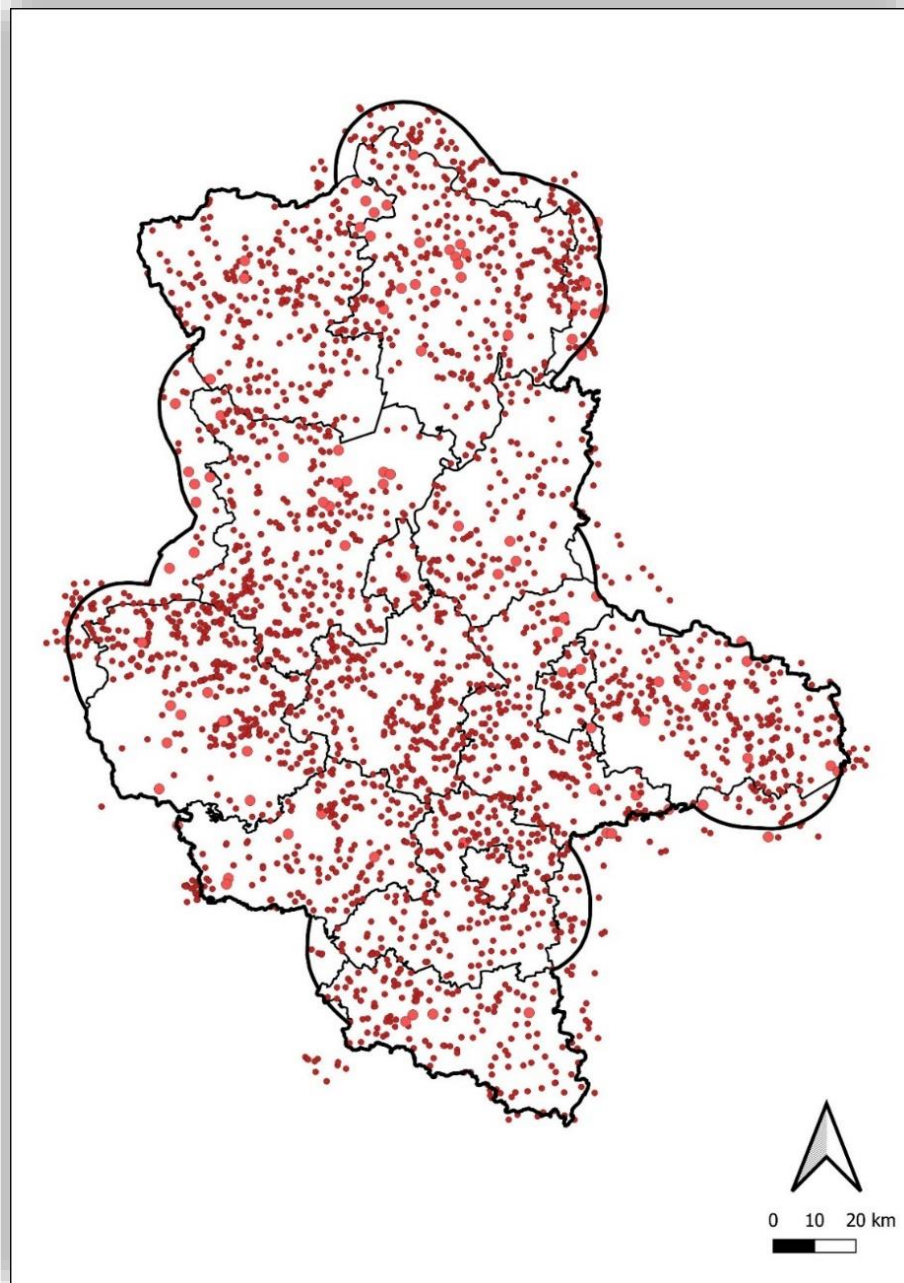
Result: 1.926 Breeding Pairs of Red Kite

Source: Mammen et al. 2014

2nd Complete census for Red Kite in Saxony-Anhalt 2021/22

- Nearly 10 years later the complete census for Red Kite was repeated

Result: 2.379 Breeding Pairs of Red Kite



LIFE EUROKITE Projekt Areas in Saxony-Anhalt

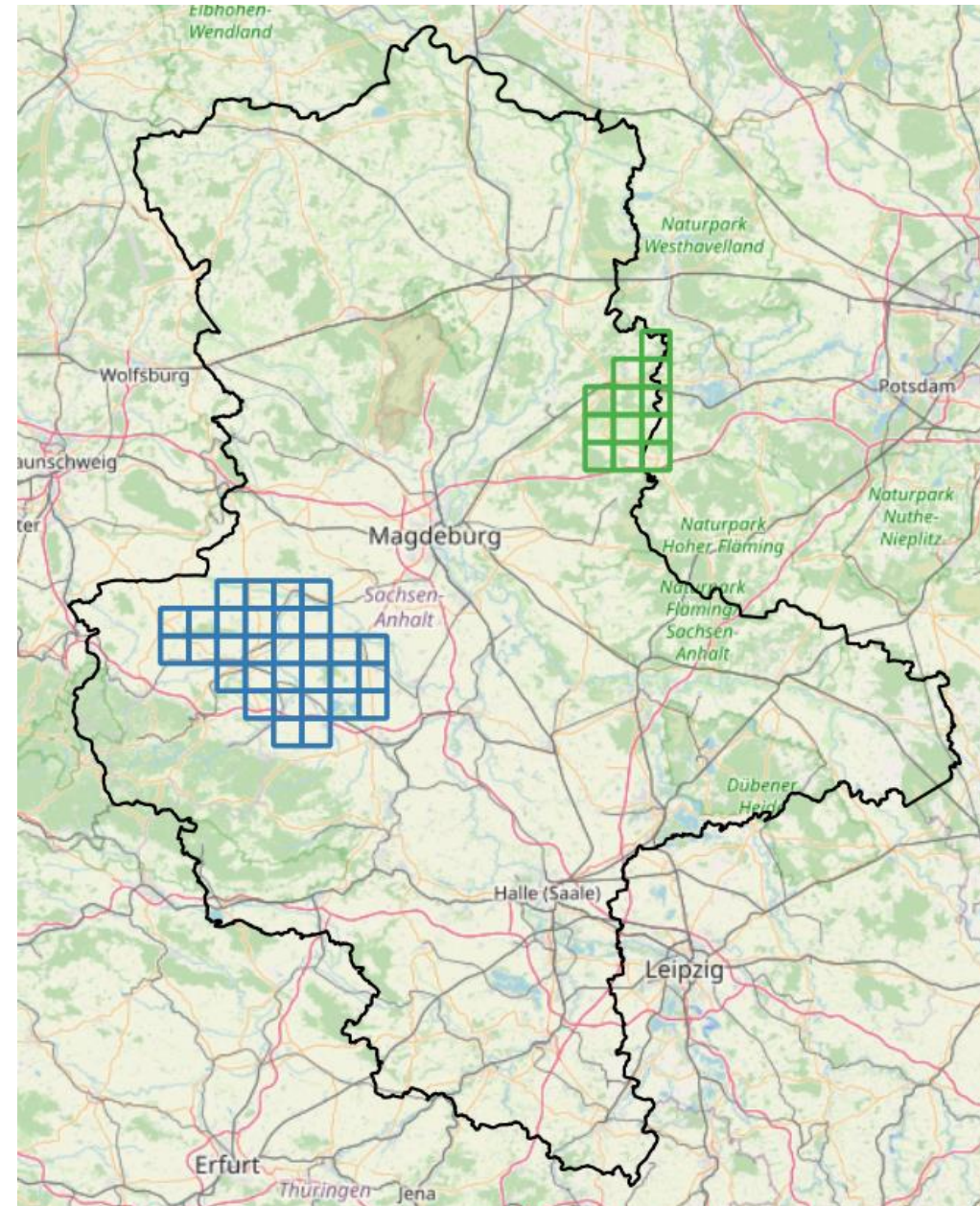
1) Foothills of the Harz (blue)

- 992 km²

1) Fiener Bruch (green)

- 384 km²

Baseline census of EUROKITE Projekt Areas was combined with 2nd Complete census for Red Kite in Saxony-Anhalt.



Results of the Baseline Census on LIFE EUROKITE Projekt Areas in Saxony-Anhalt



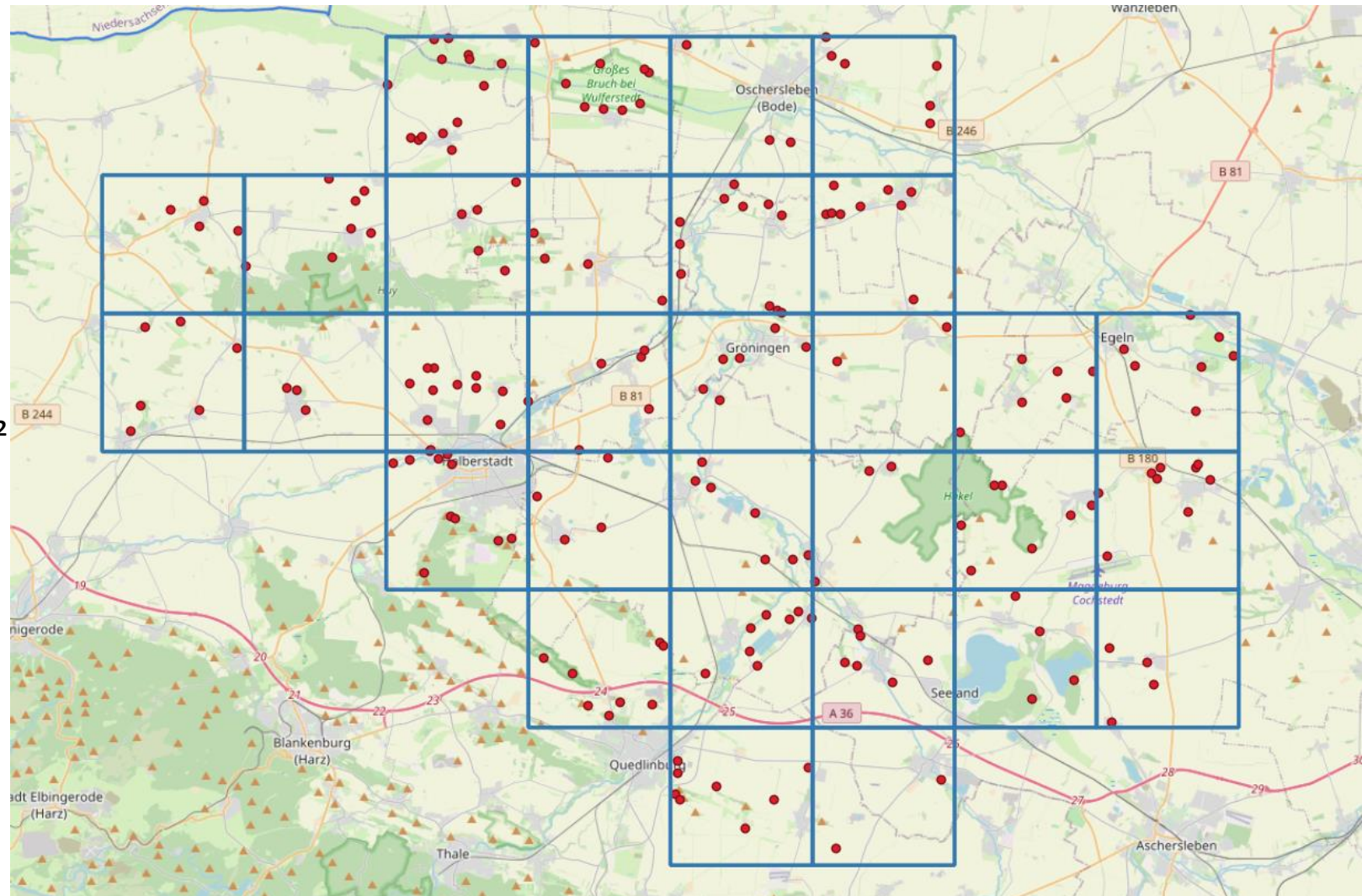
1) Foothills of the Harz

Breeding pairs: 200

Breeding density: 20,16 BP/100 km²

Average of Federal State: 11,7 BP/100 km²

→ Breeding density above average



Results of the Baseline Census on LIFE EUROKITE Projekt Areas in Saxony-Anhalt



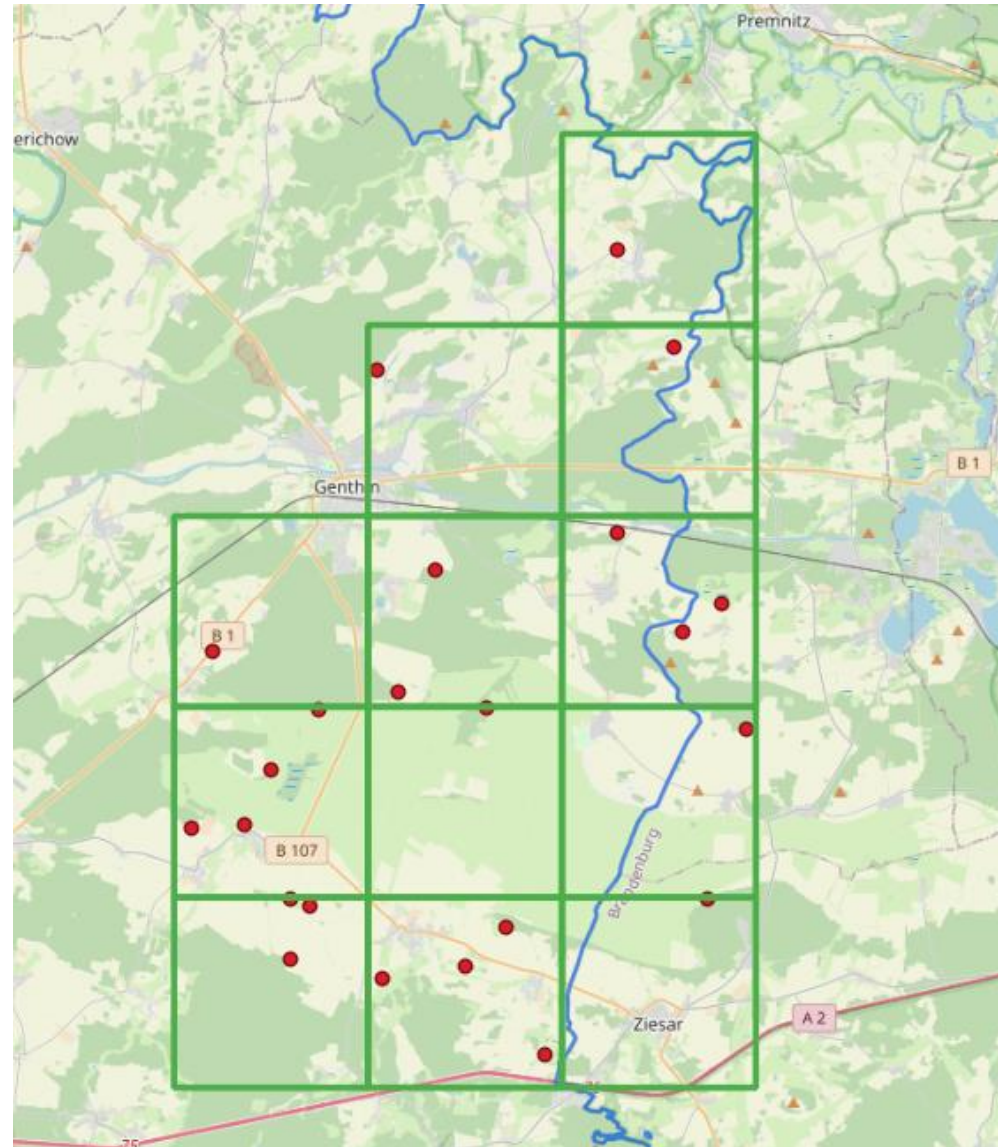
2) Fiener Bruch

Breeding pairs: 23

Breeding density: 6 BP/100 km²

Average of Federal State: 11,7 BP/100 km²

→ Breeding density below average



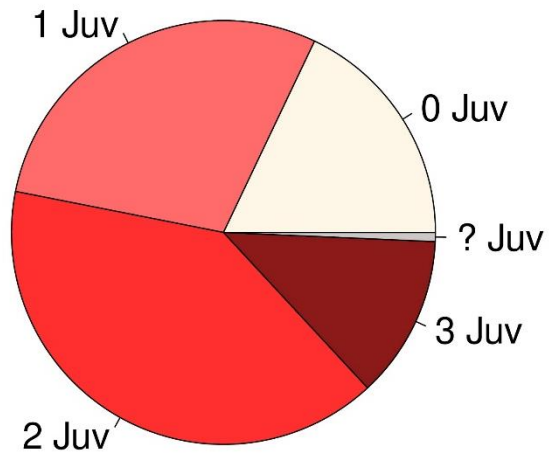
Results of the Baseline Census on LIFE EUROKITE Projekt Areas in Saxony-Anhalt



1) Foothills of the Harz

Reproduction: 1,46 juv. / Nest (n=145)

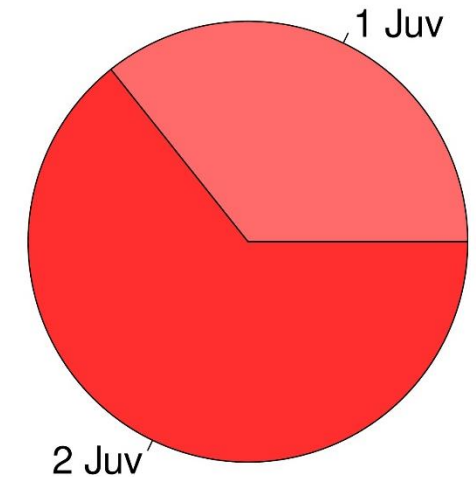
Success rate: 81 %



2) Fiener Bruch

Reproduction: 1,64 juv. / Nest (n=14)

Success rate: 100 %



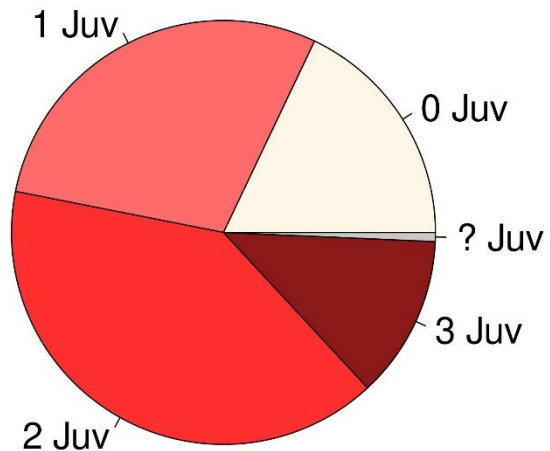
Results of the Baseline Census on LIFE EUROKITE Projekt Areas in Saxony-Anhalt



1) Foothills of the Harz

Reproduction: 1,46 juv. / Nest (n=145)

Success rate: 81 %



Average of Federal State:

Reproduction: 1,26 juv. / Nest (n=1.592)

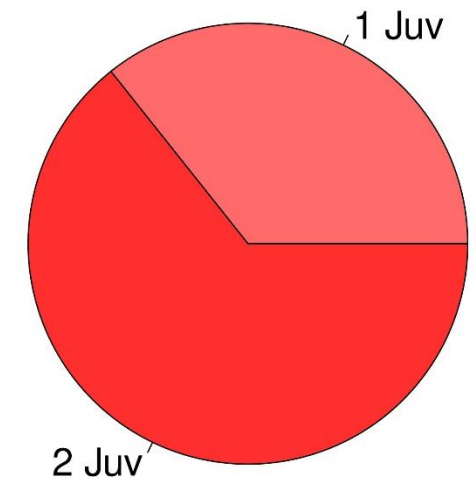
Success rate: 79 %

→ Both areas are above average

2) Fiener Bruch

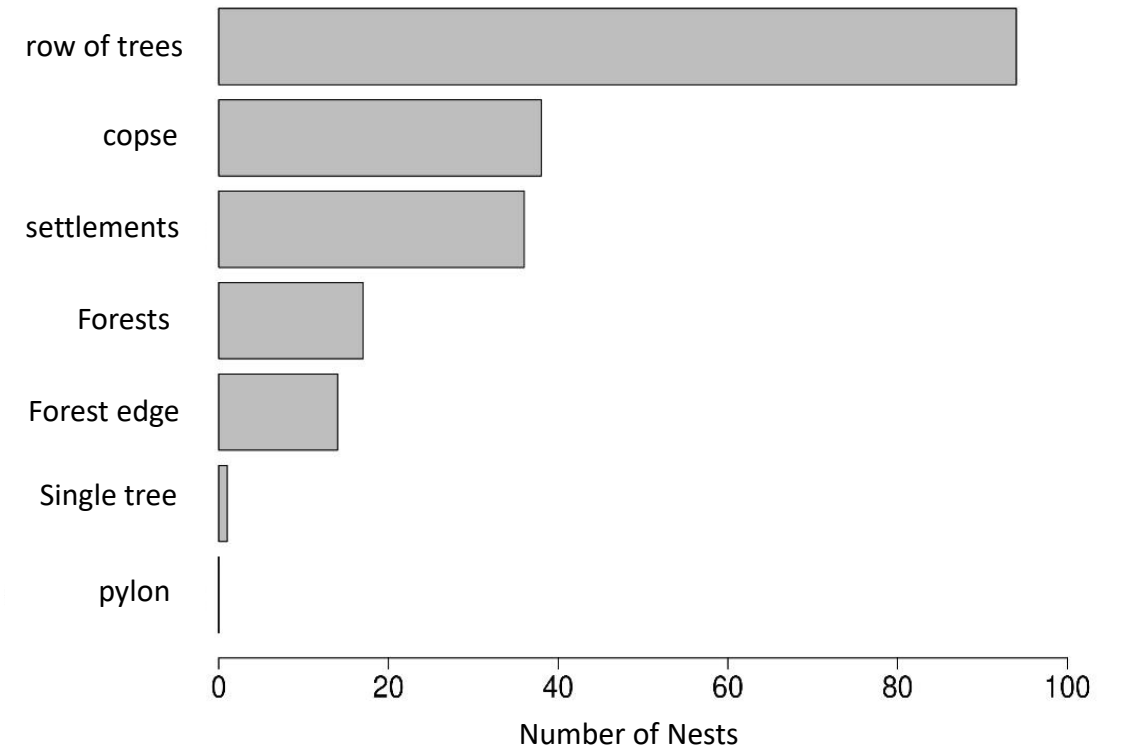
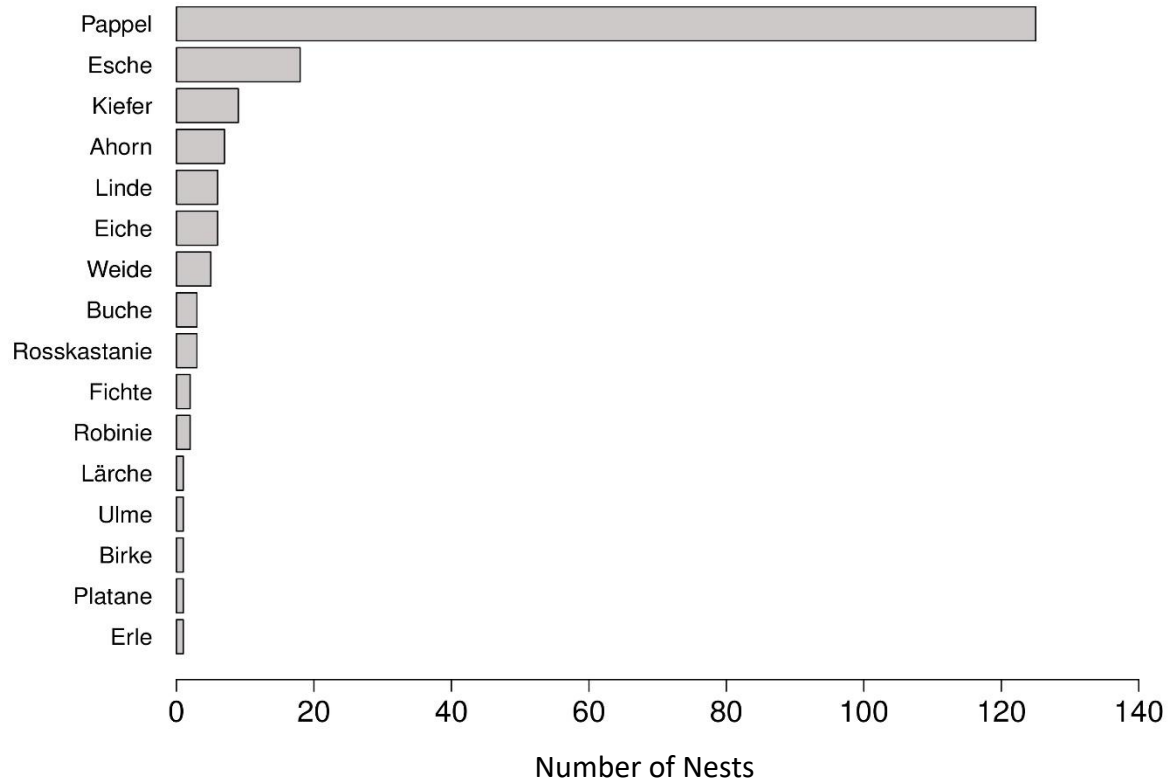
Reproduction: 1,64 juv. / Nest (n=14)

Success rate: 100 %



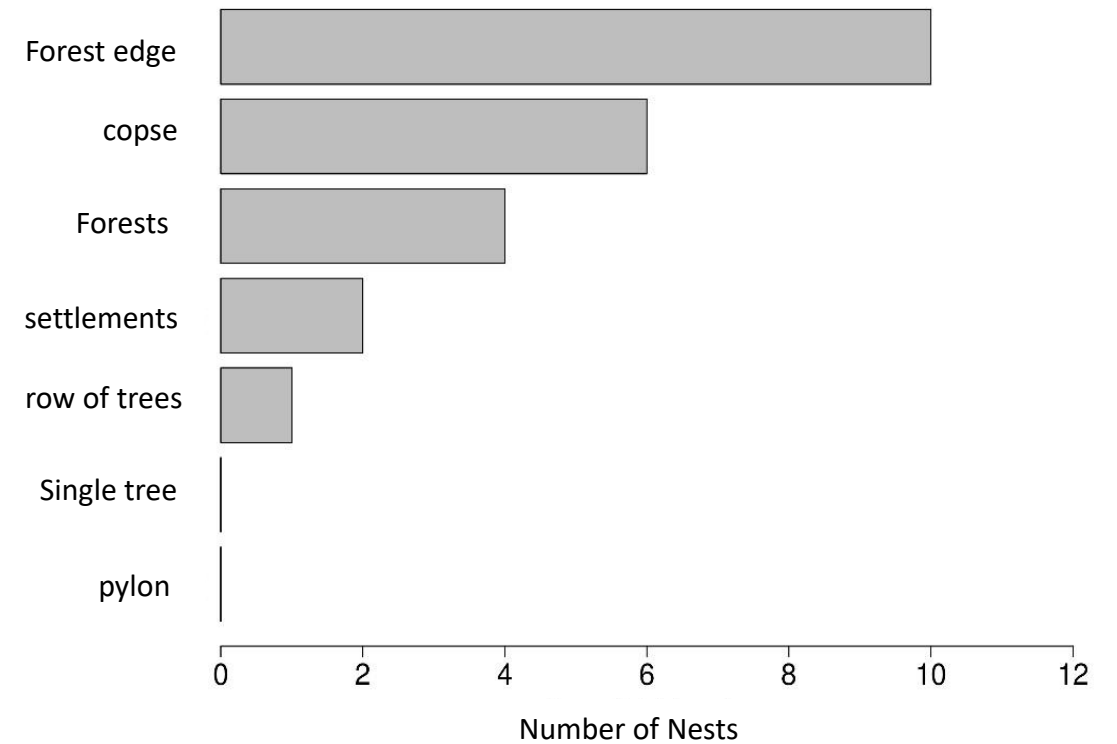
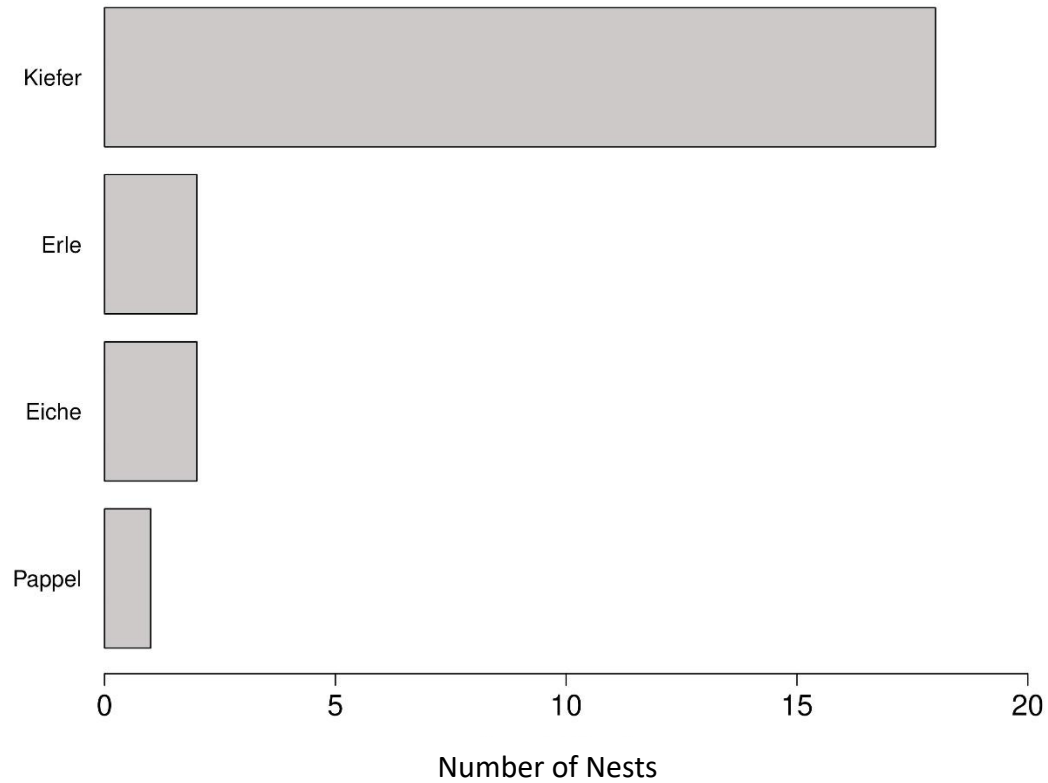
Nesting behaviour of Red Kites

1) Foothills of the Harz



Nesting behaviour of Red Kites

2) Fiener Bruch

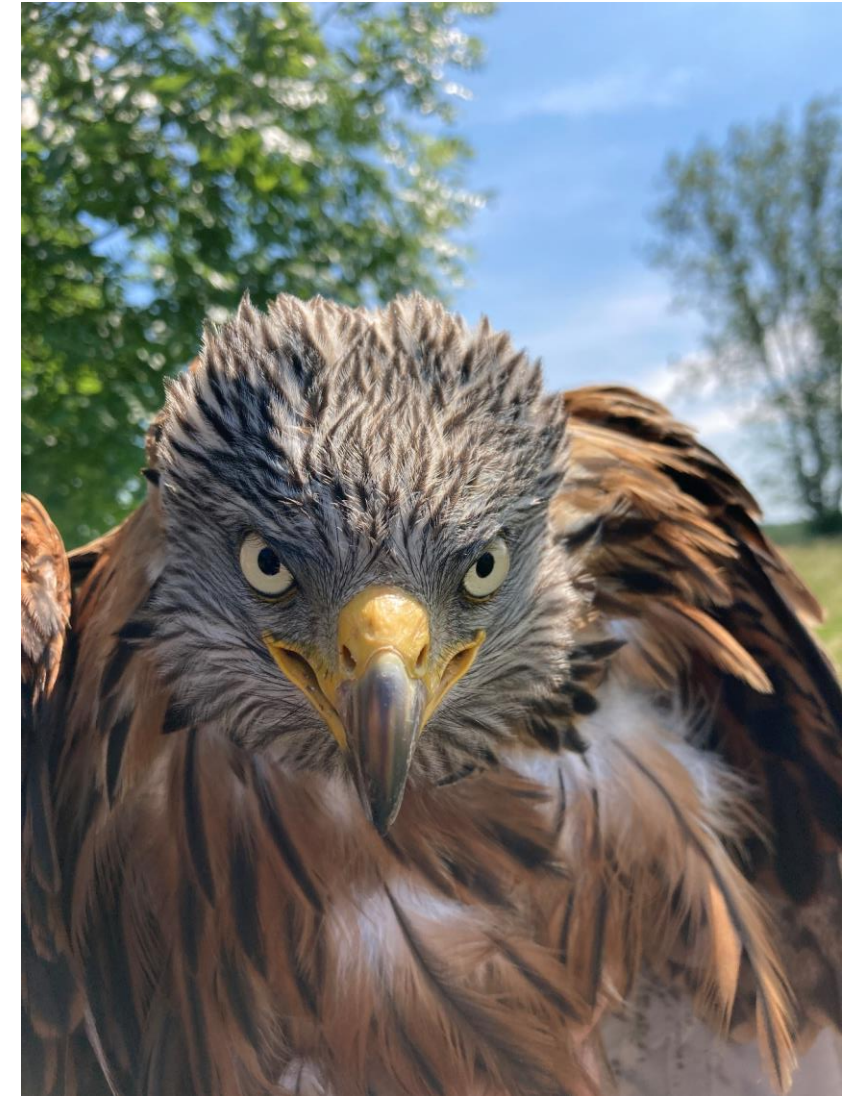


Summary

- long tradition of monitoring Red Kites and other Birds of Prey in Saxony-Anhalt
- first monitoring scheme for raptor and owls in Germany has its origin in Saxony-Anhalt

Baseline Census on LIFE EUROKITE Projekt Areas in Saxony-Anhalt:

- one area with high density and one area with low density
- both areas have a reproduction above average





Thank you for your
Attention!