



Ministerium für Ländliche Entwicklung,
Umwelt und Landwirtschaft



Landesamt für Umwelt



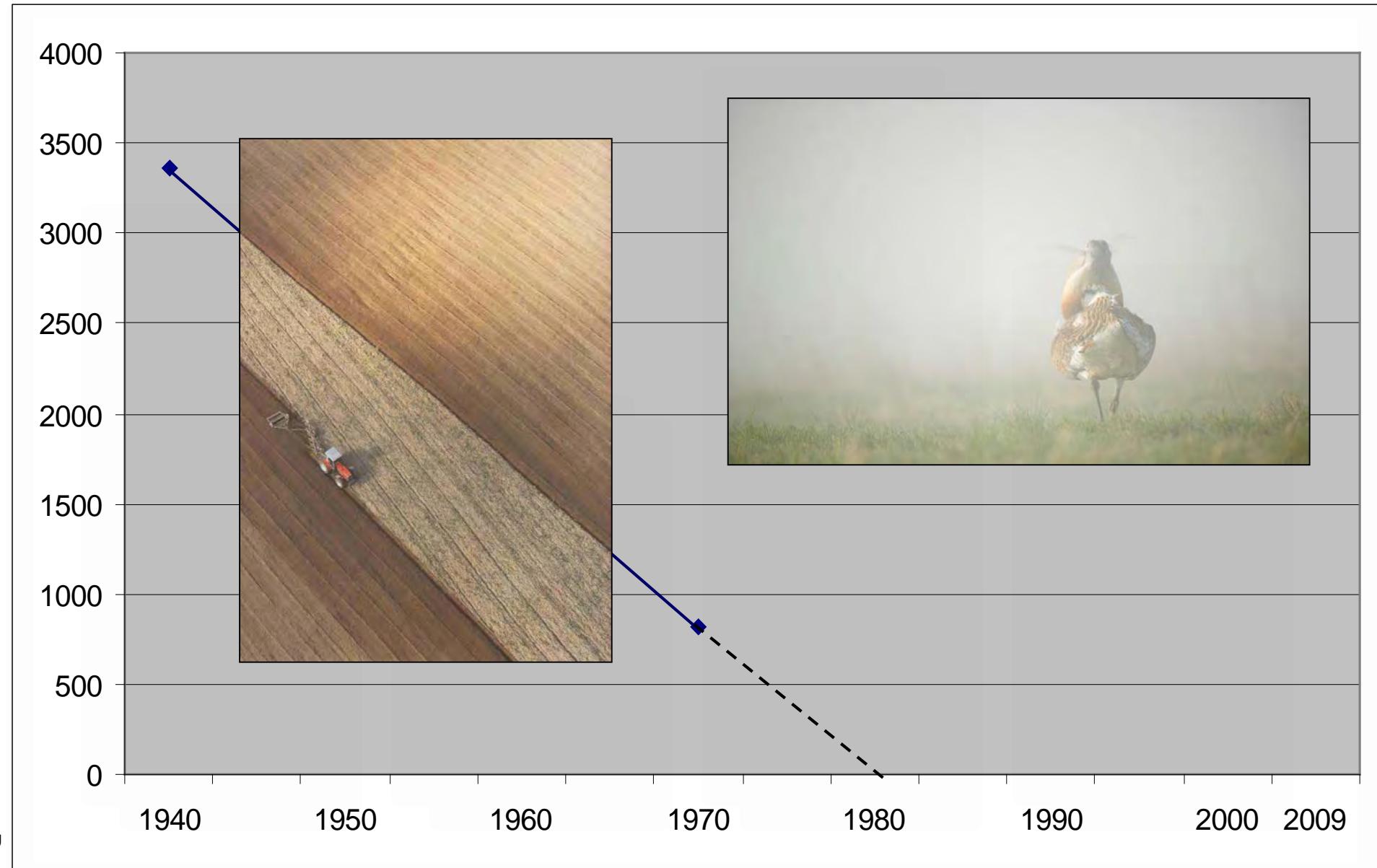
FÖRDERVEREIN e.V.
GROSSTRAPPENSCHUTZ



The German Great Bustard conservation programme – an update

Torsten Langgemach
Henrik Watzke
Marcus Borchert

Population trend in Germany



Conservation programme since 1979

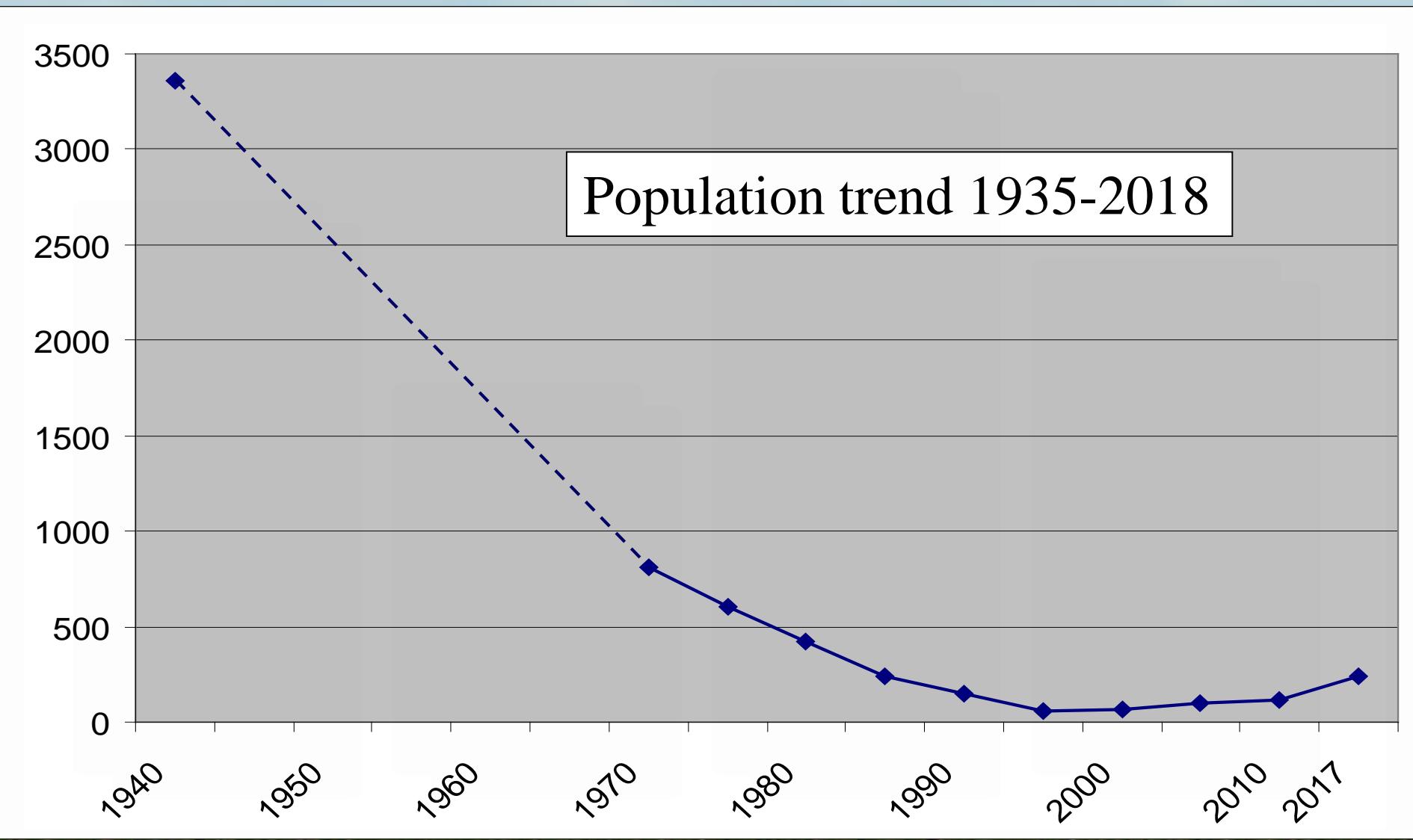
- 
- A wide, green landscape with a distant treeline under a clear sky. The foreground is a grassy field with small red flowers.
1. Habitat management
 2. Reduction of disturbances
 3. Predation management
 4. Reinforcement

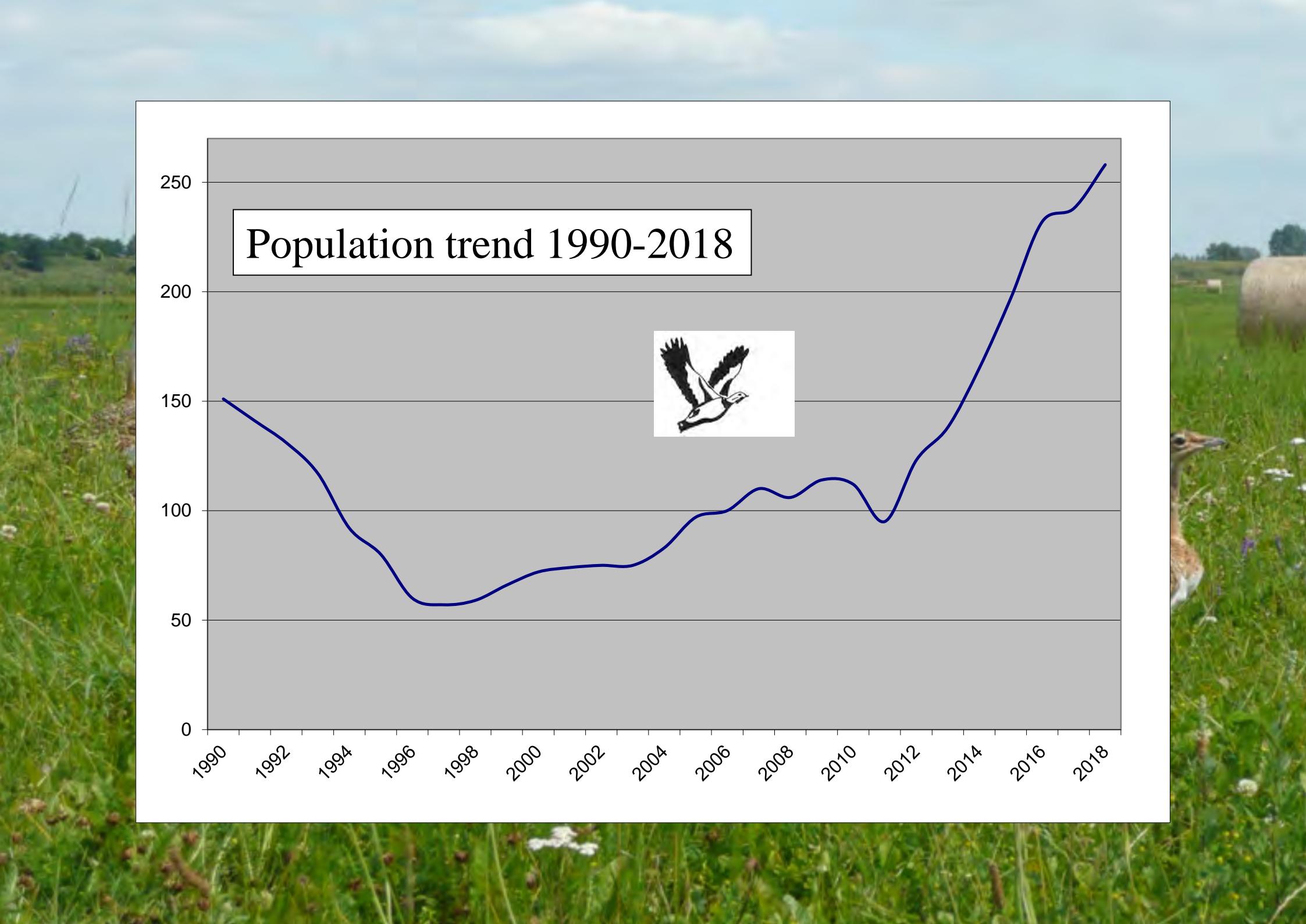
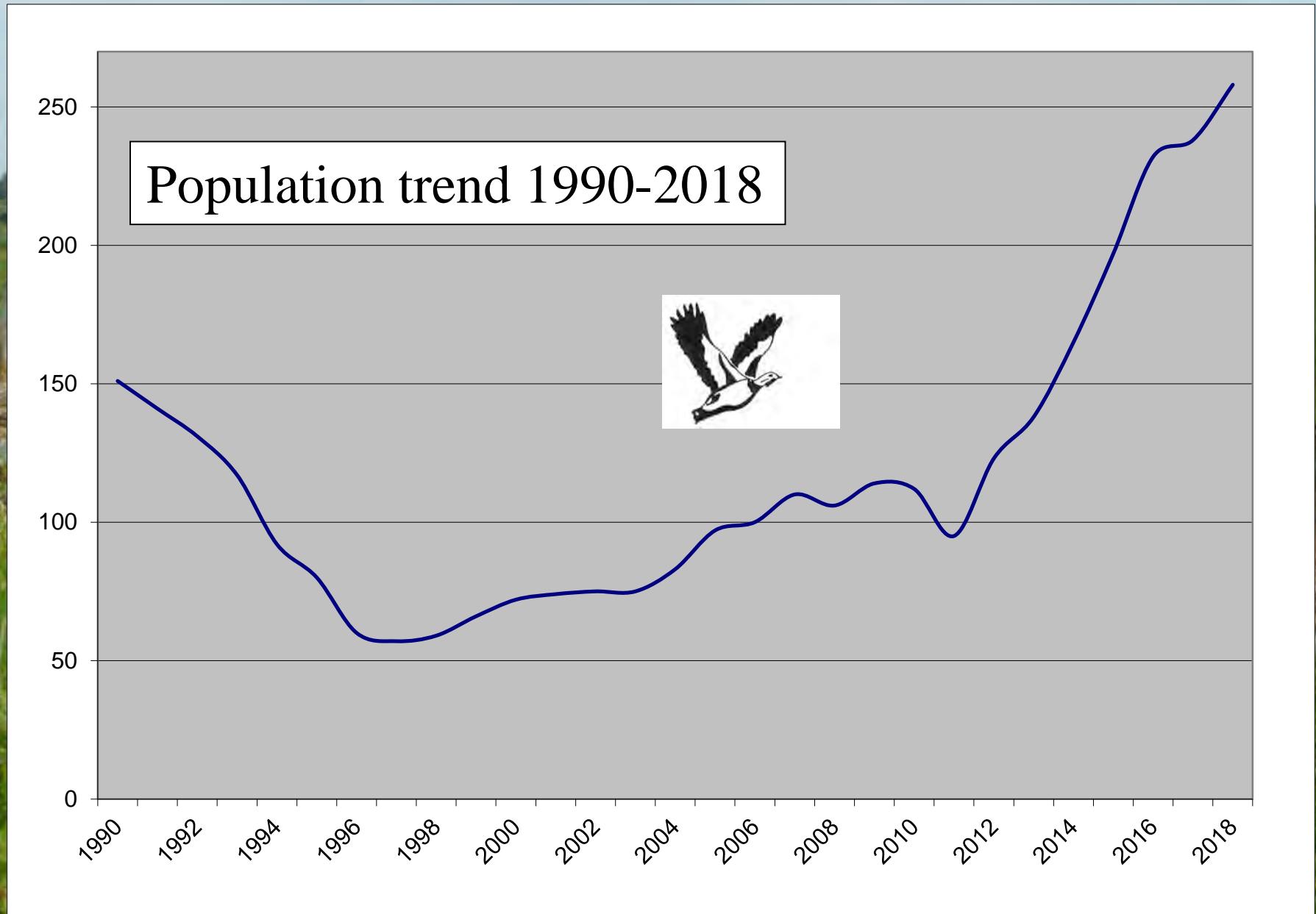
A Curlew bird is captured in mid-air, performing a characteristic 'dip' or 'dive' display. It is positioned centrally in the lower half of the frame, with its long, slender beak pointing downwards and its body arched. The bird's plumage is a mix of mottled brown, tan, and white. The background is a soft-focus landscape of green fields and distant trees under a clear sky.

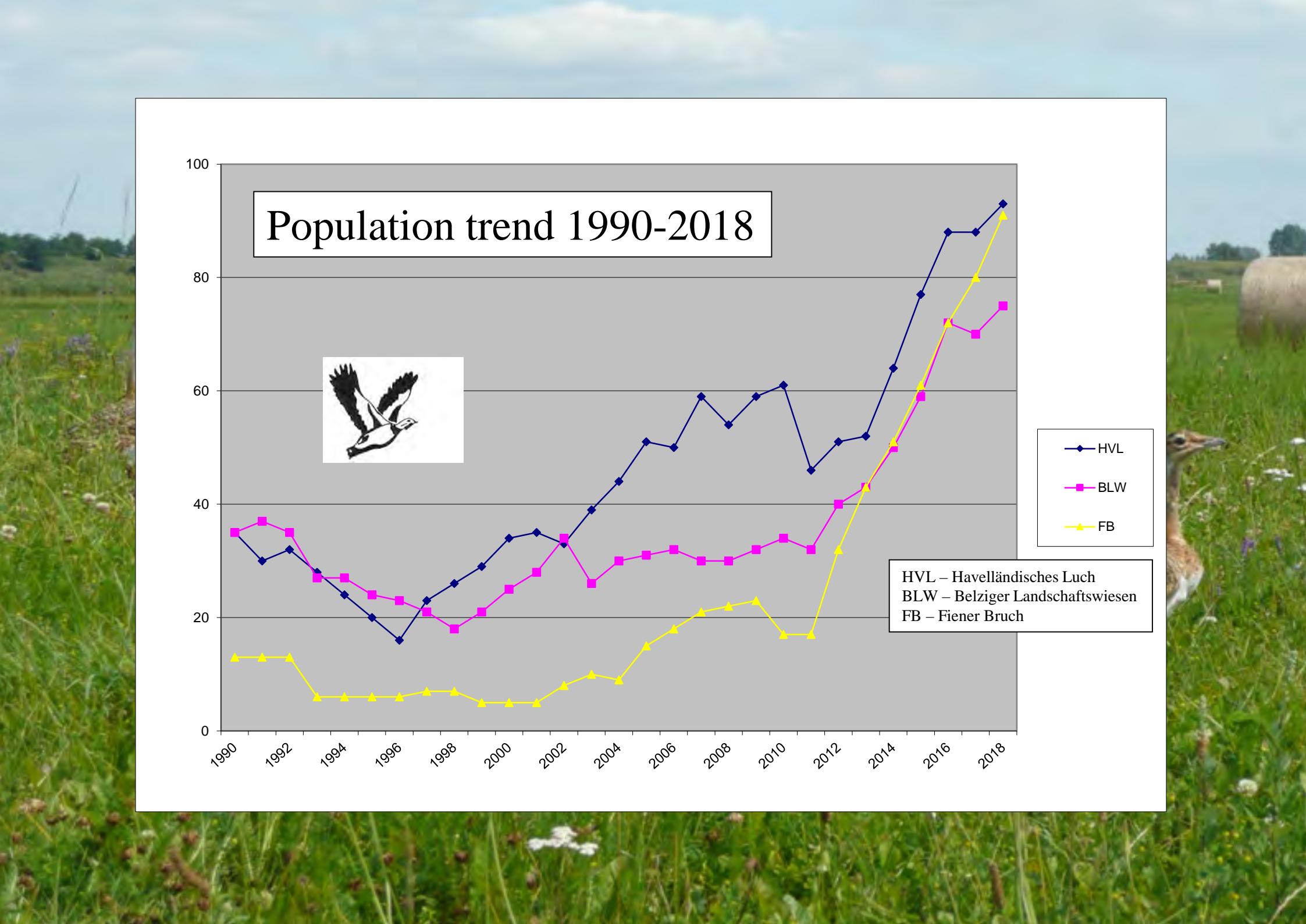
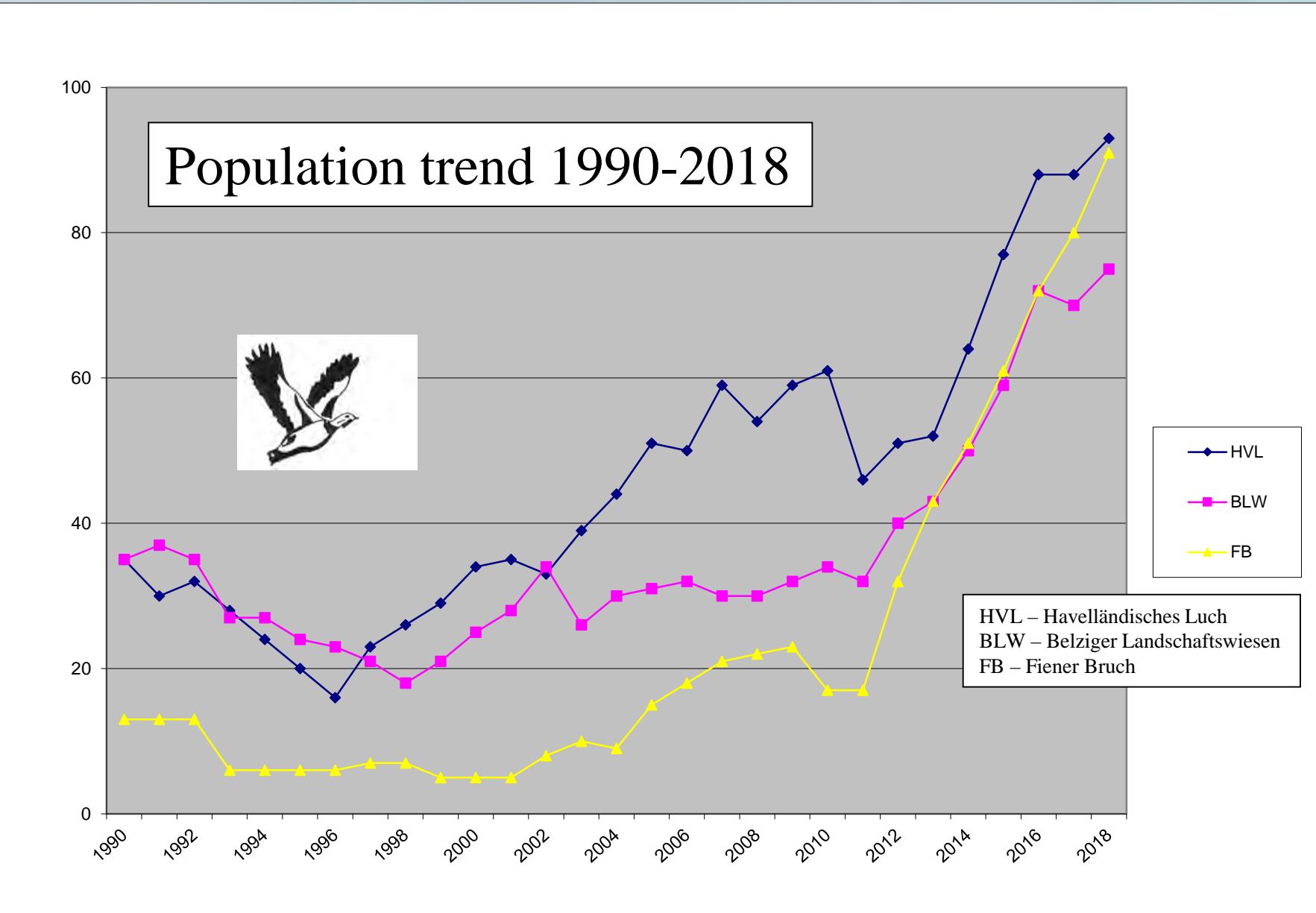
What have we achieved?



We are still here!!!

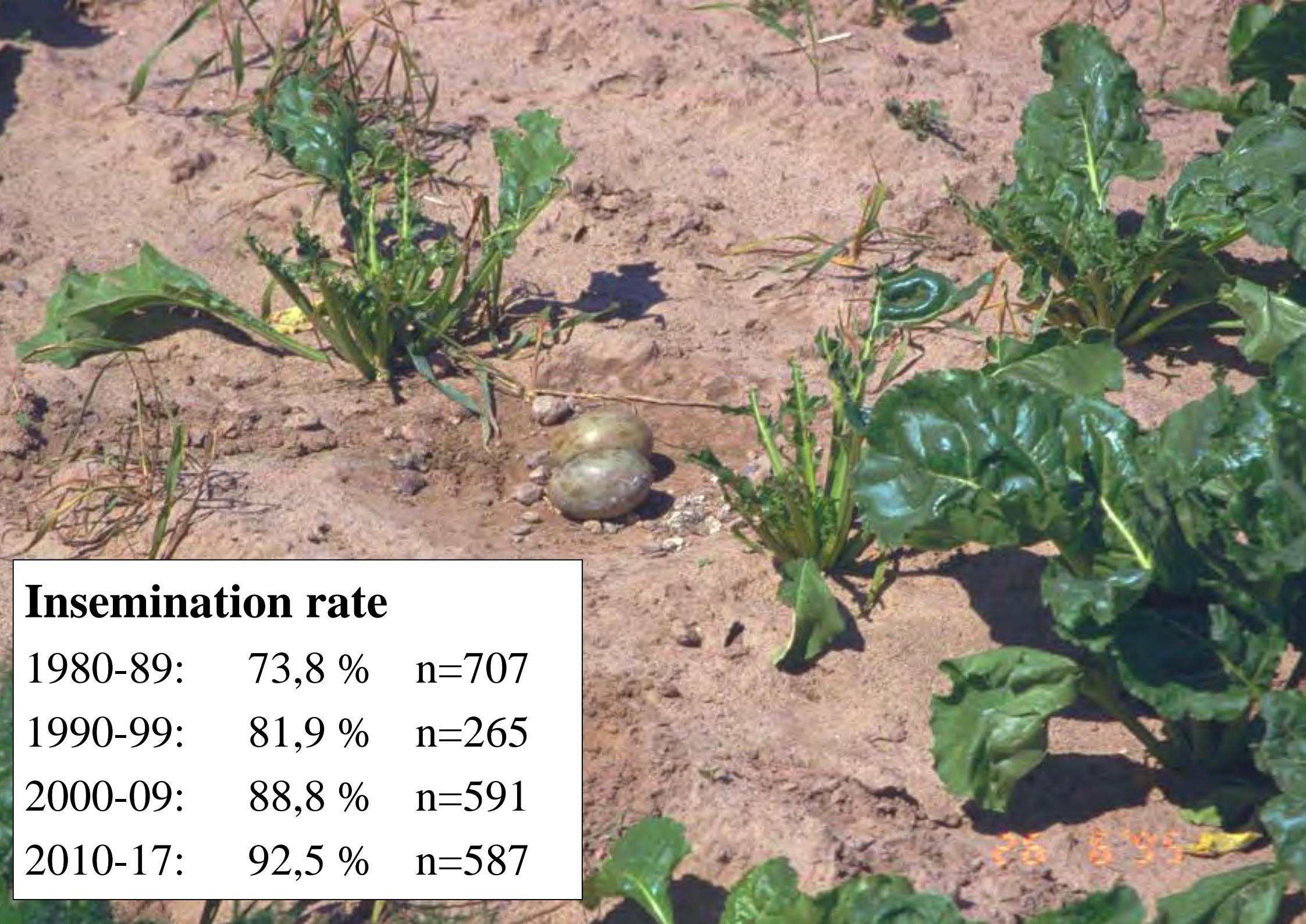








Display, mating, flight distance etc. →
we are „well-behaved“



Insemination rate

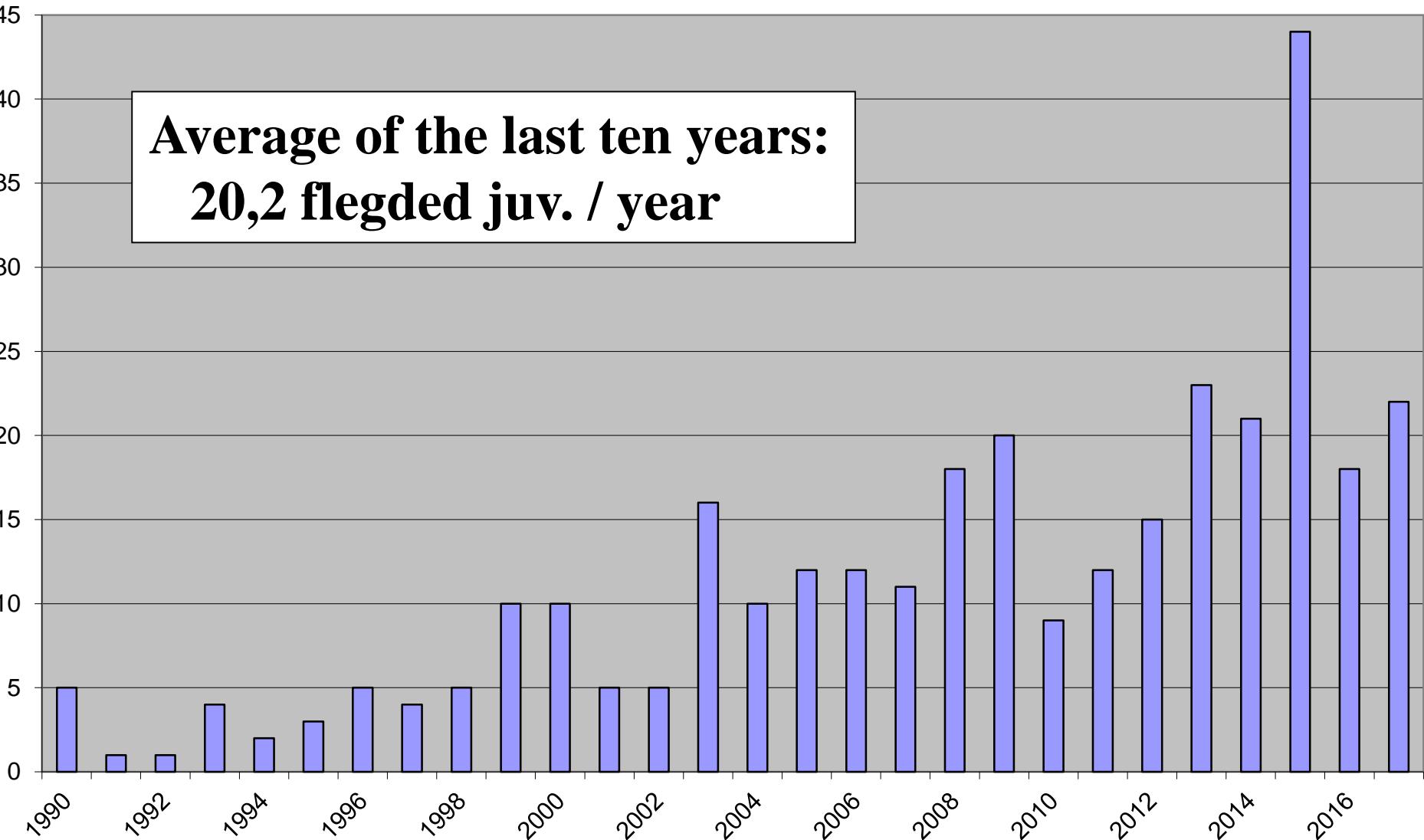
1980-89:	73,8 %	n=707
1990-99:	81,9 %	n=265
2000-09:	88,8 %	n=591
2010-17:	92,5 %	n=587





Increasing offspring in the field

Average of the last ten years:
20,2 fledged juv. / year





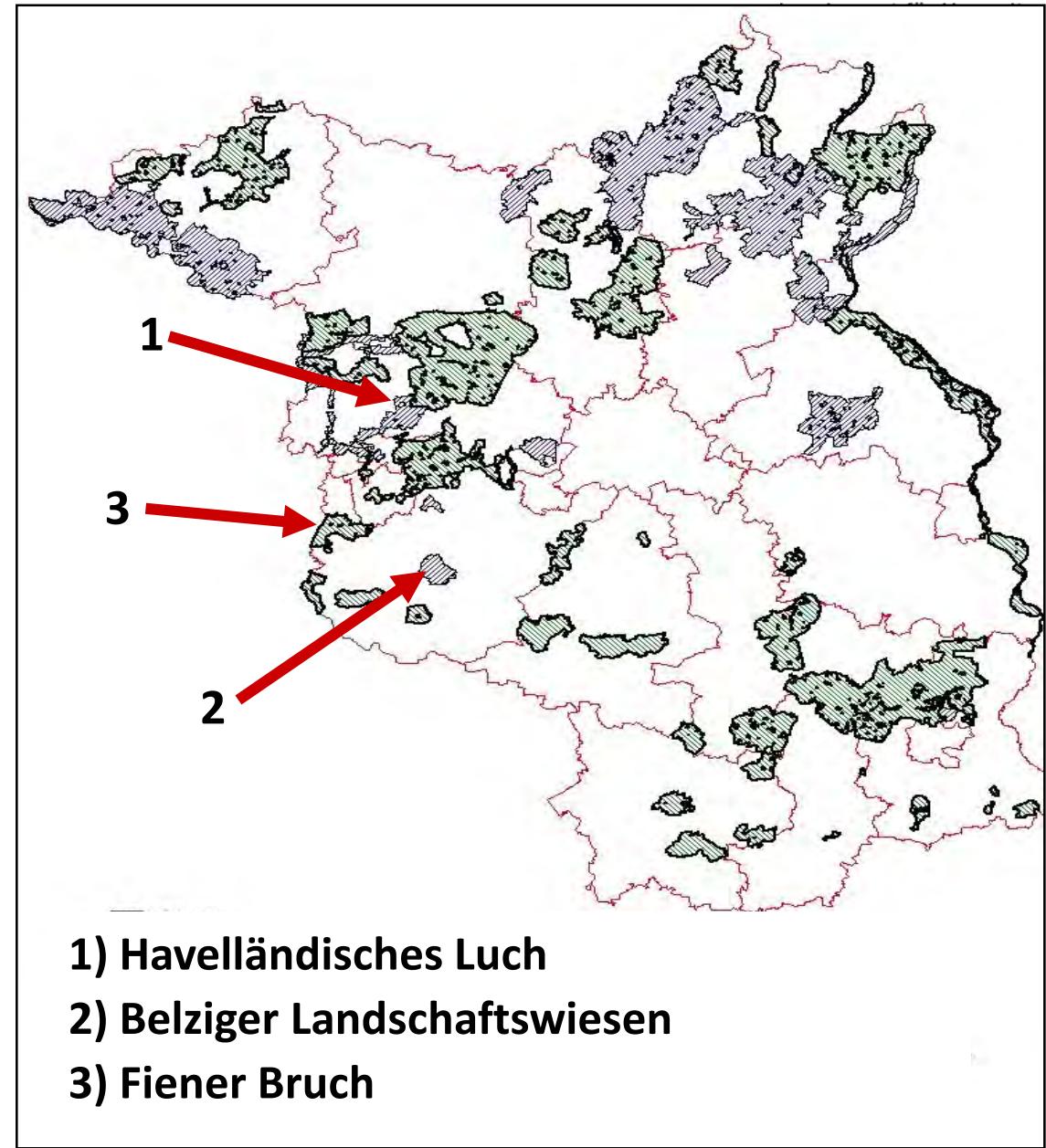


LAND
BRANDENBURG



© LfU

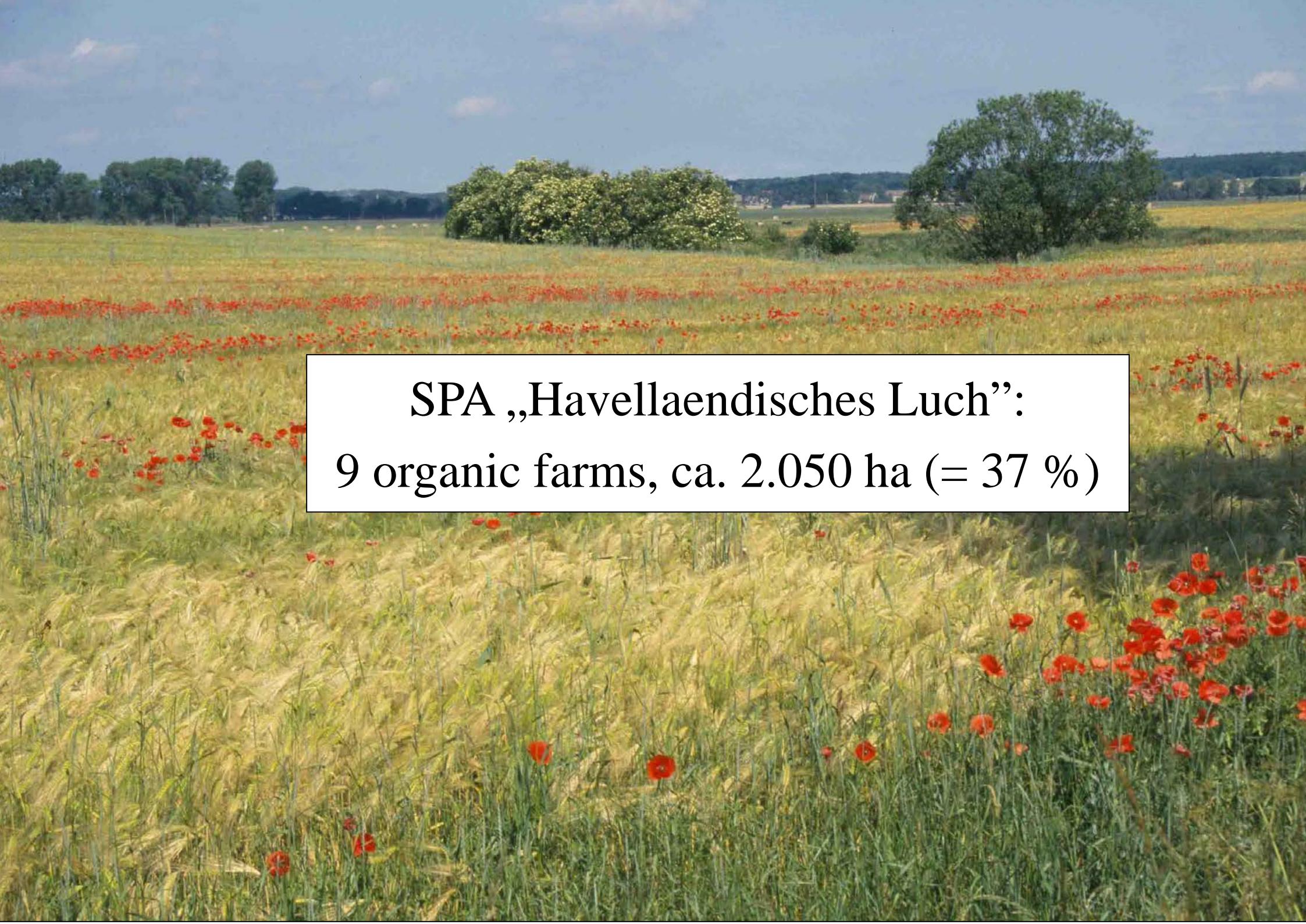
lfU



Improving habitat quality



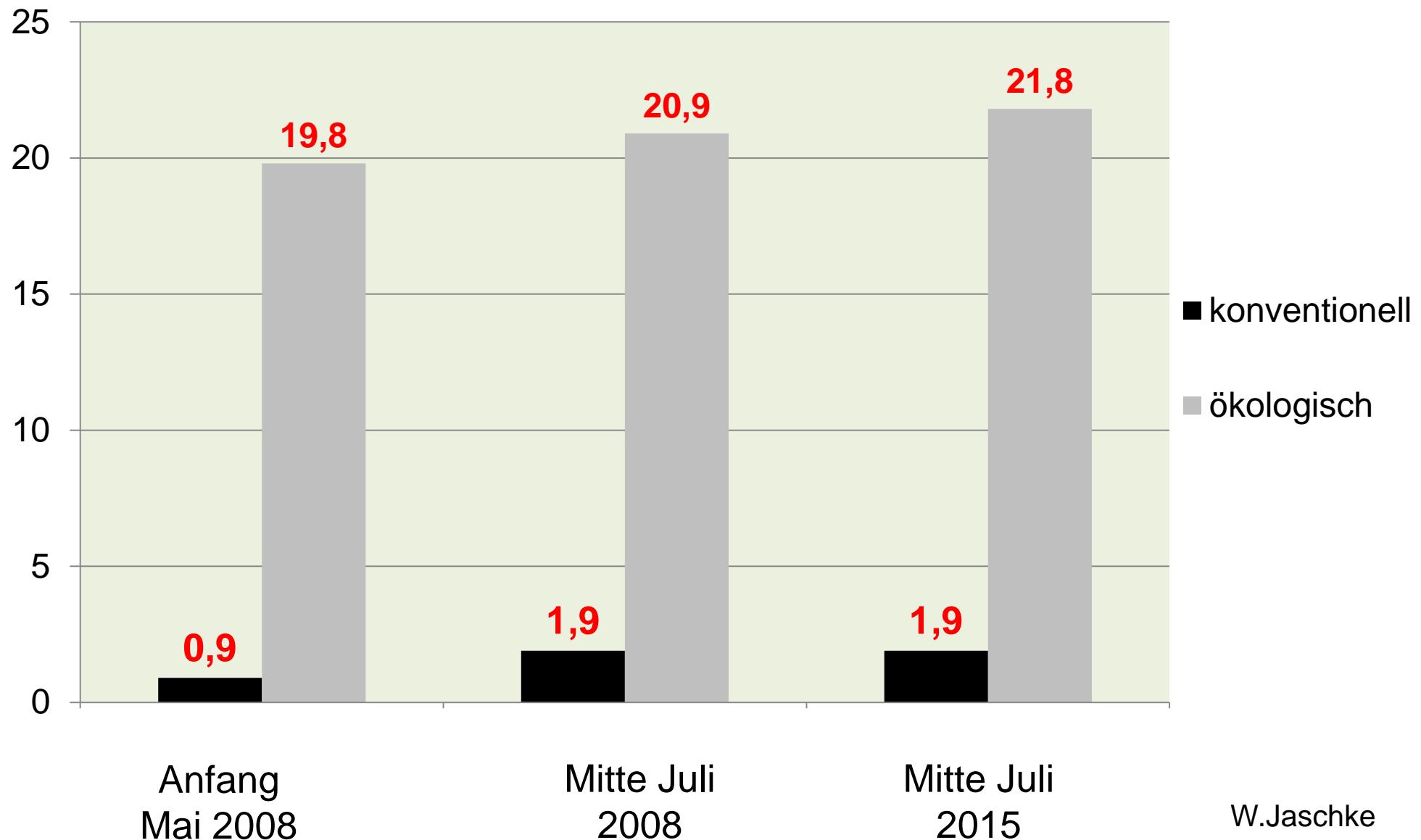




SPA „Havellaendisches Luch“:
9 organic farms, ca. 2.050 ha (= 37 %)

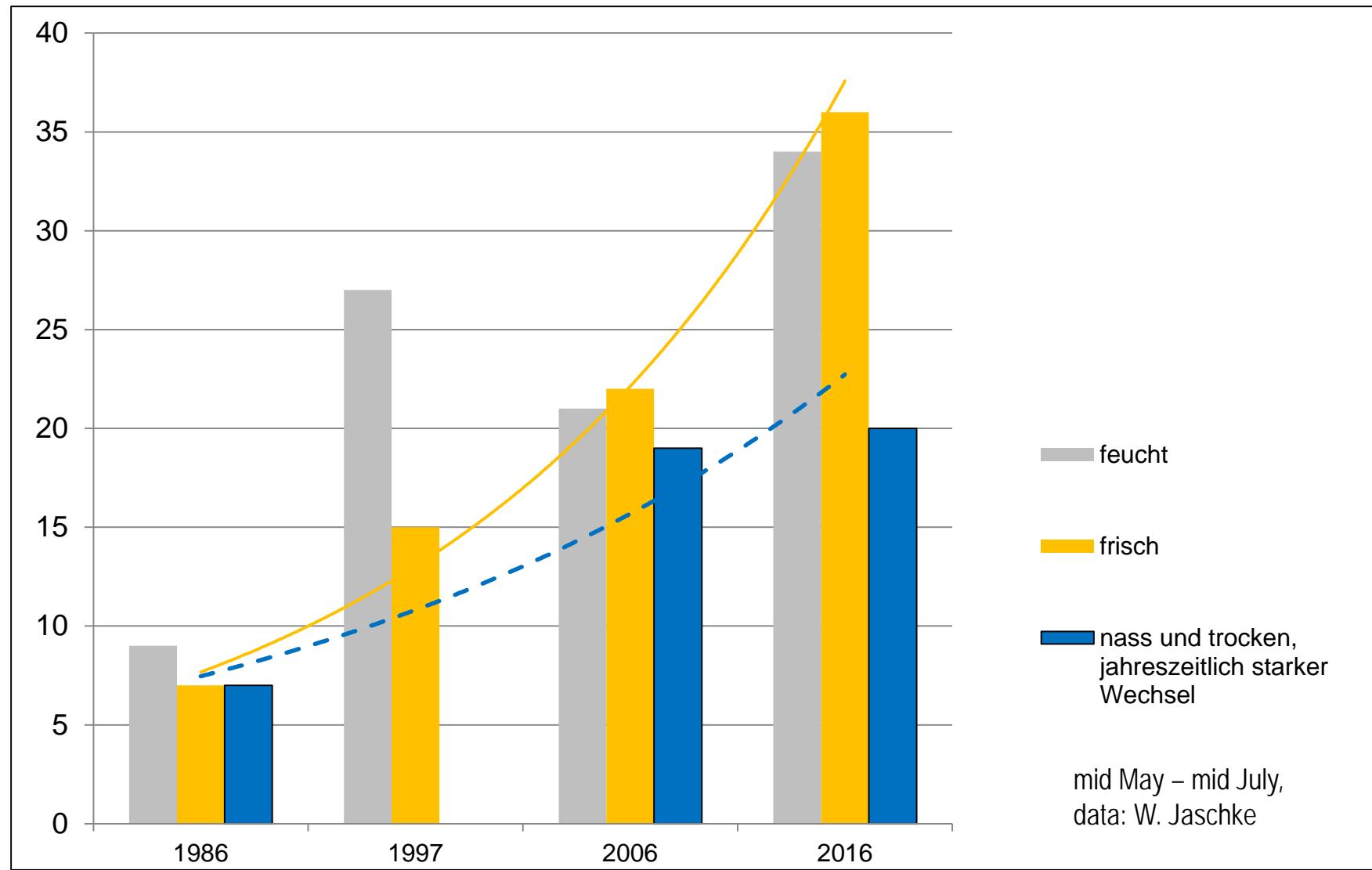
Beatles > 5mm in winter cereals

SPA Havelländisches Luch



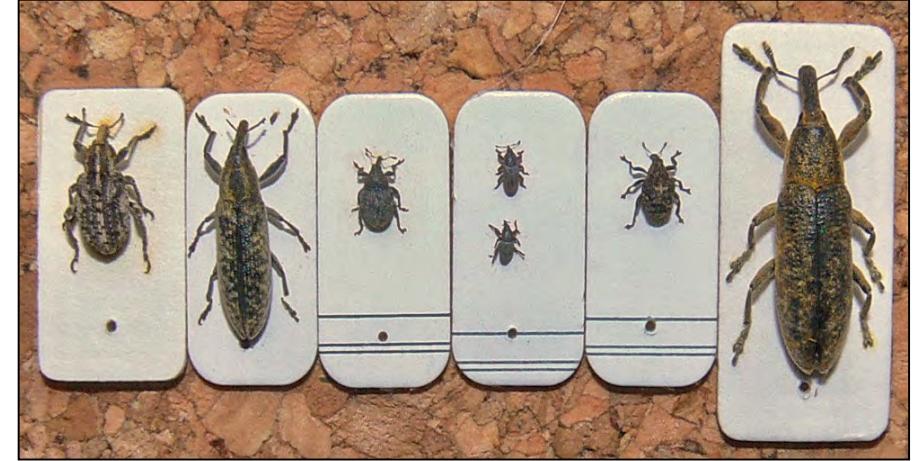
Arthropods in grassland

SPA Havelländisches Luch





Increasing diversity in plants and invertebrates



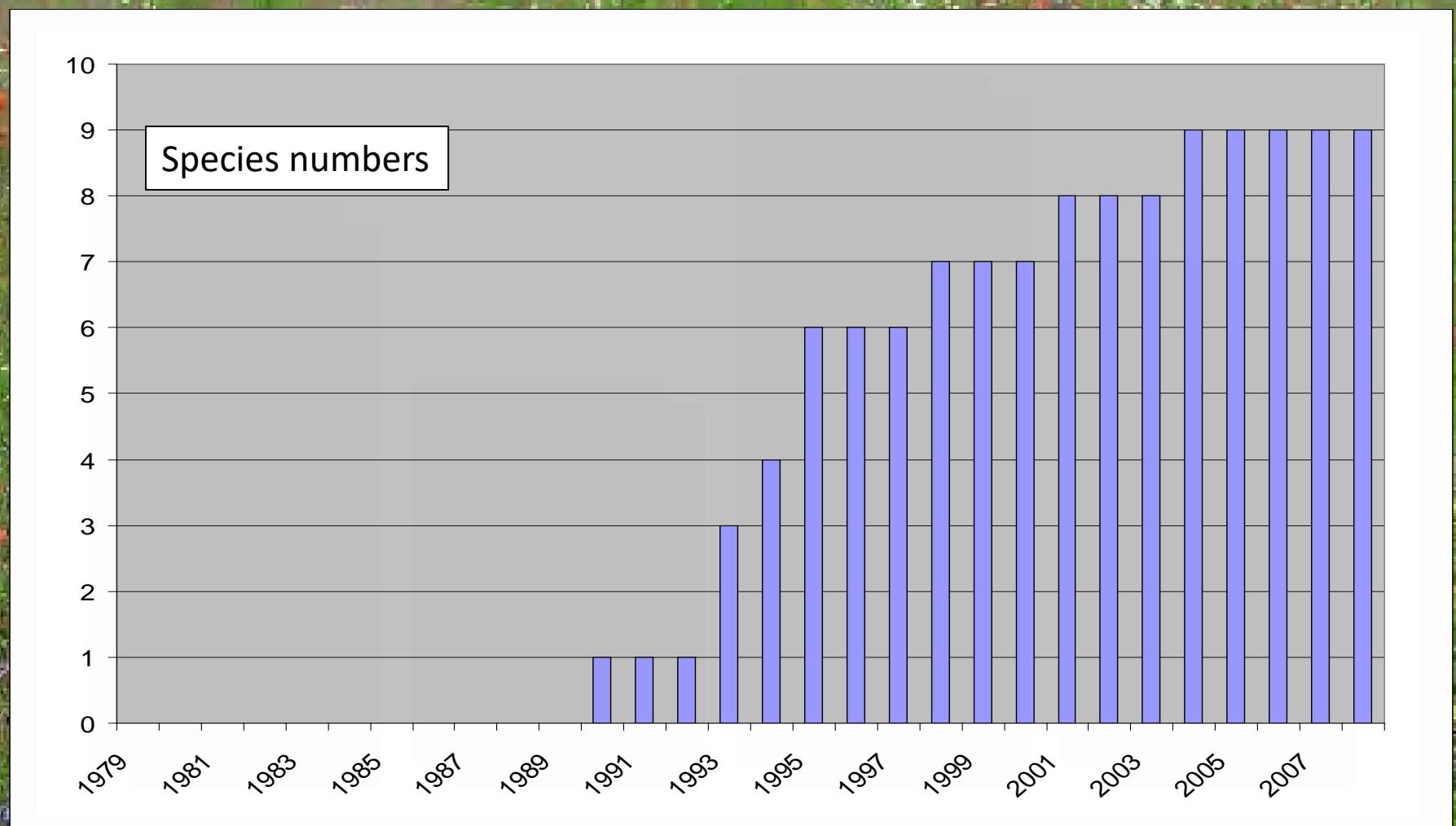
More and more Red List species!



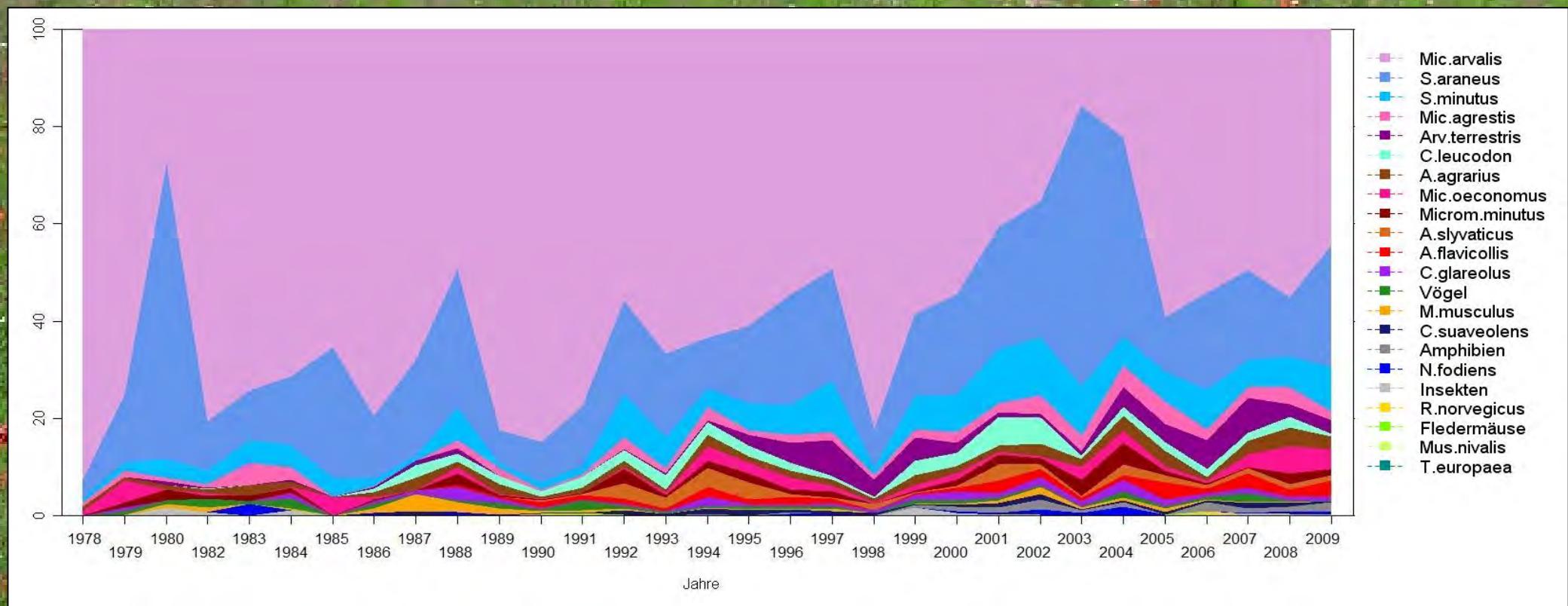
Increasing bird diversity and abundance



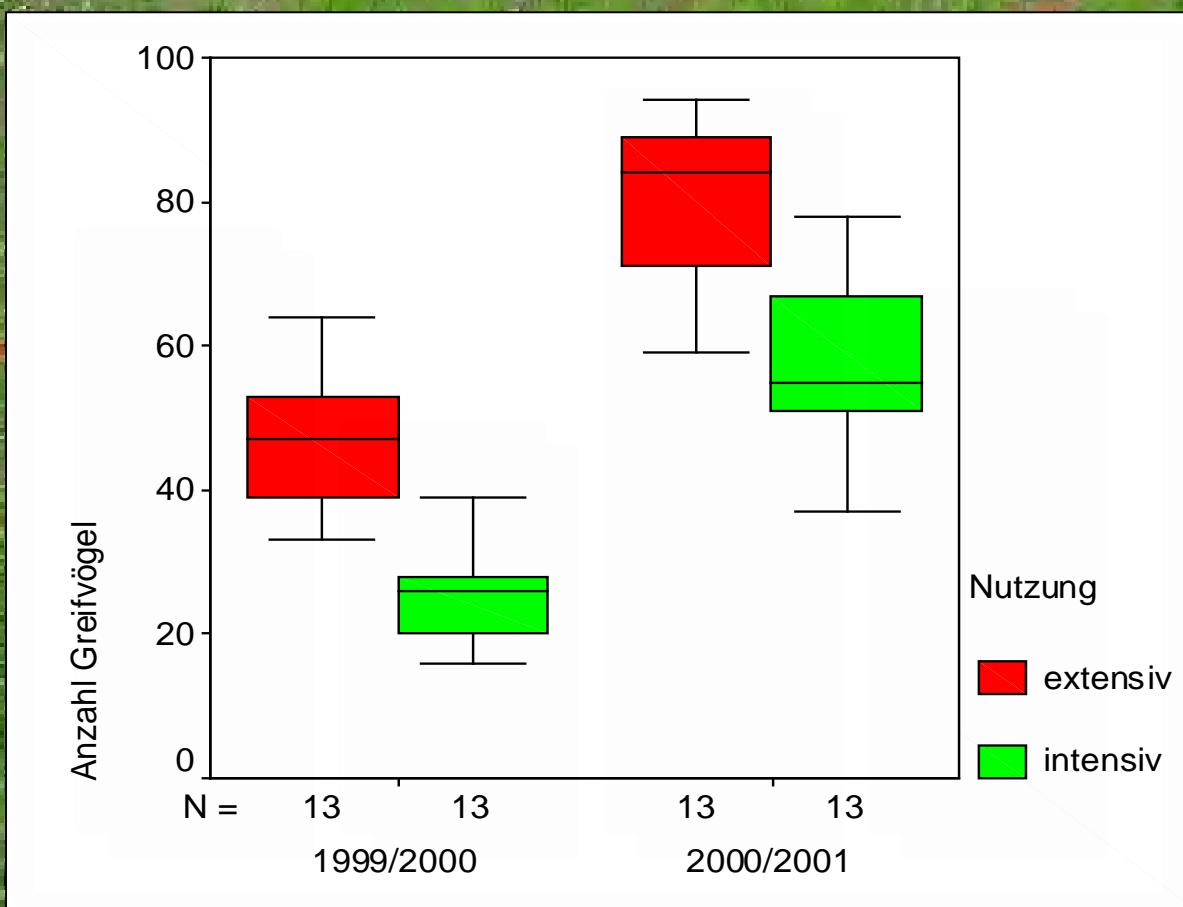
Amphibians and reptiles on grassland



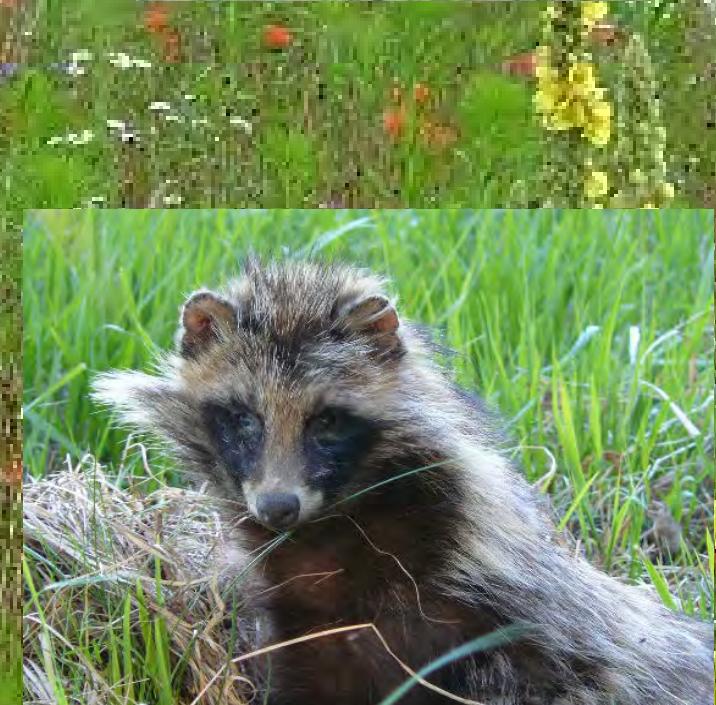
Increasing diversity in small mammals



Probably increasing abundance in small mammals



Increasing diversity and numbers of other mammals





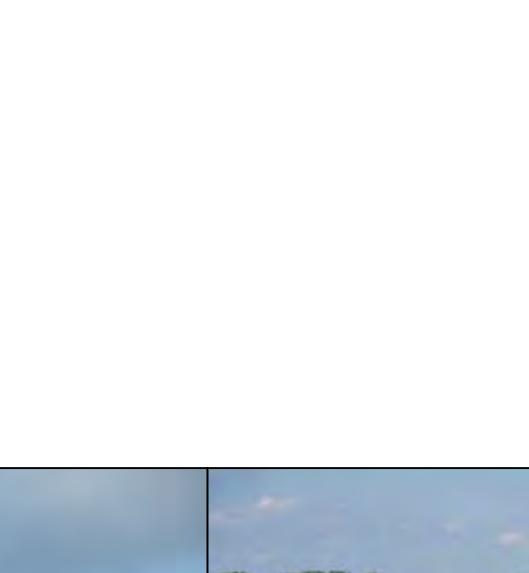






What is not yet achieved?











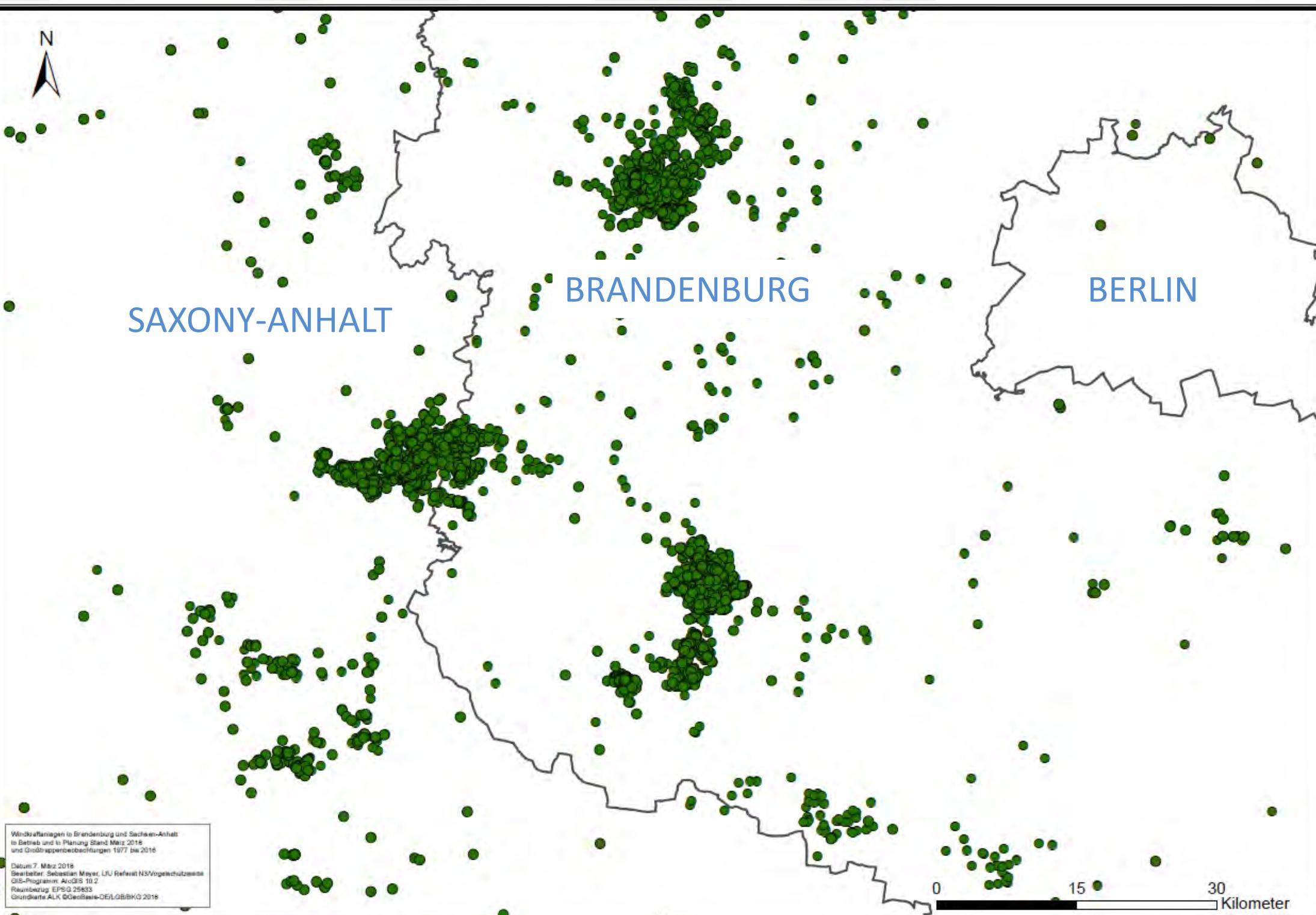


N

SAXONY-ANHALT

BRANDENBURG

BERLIN

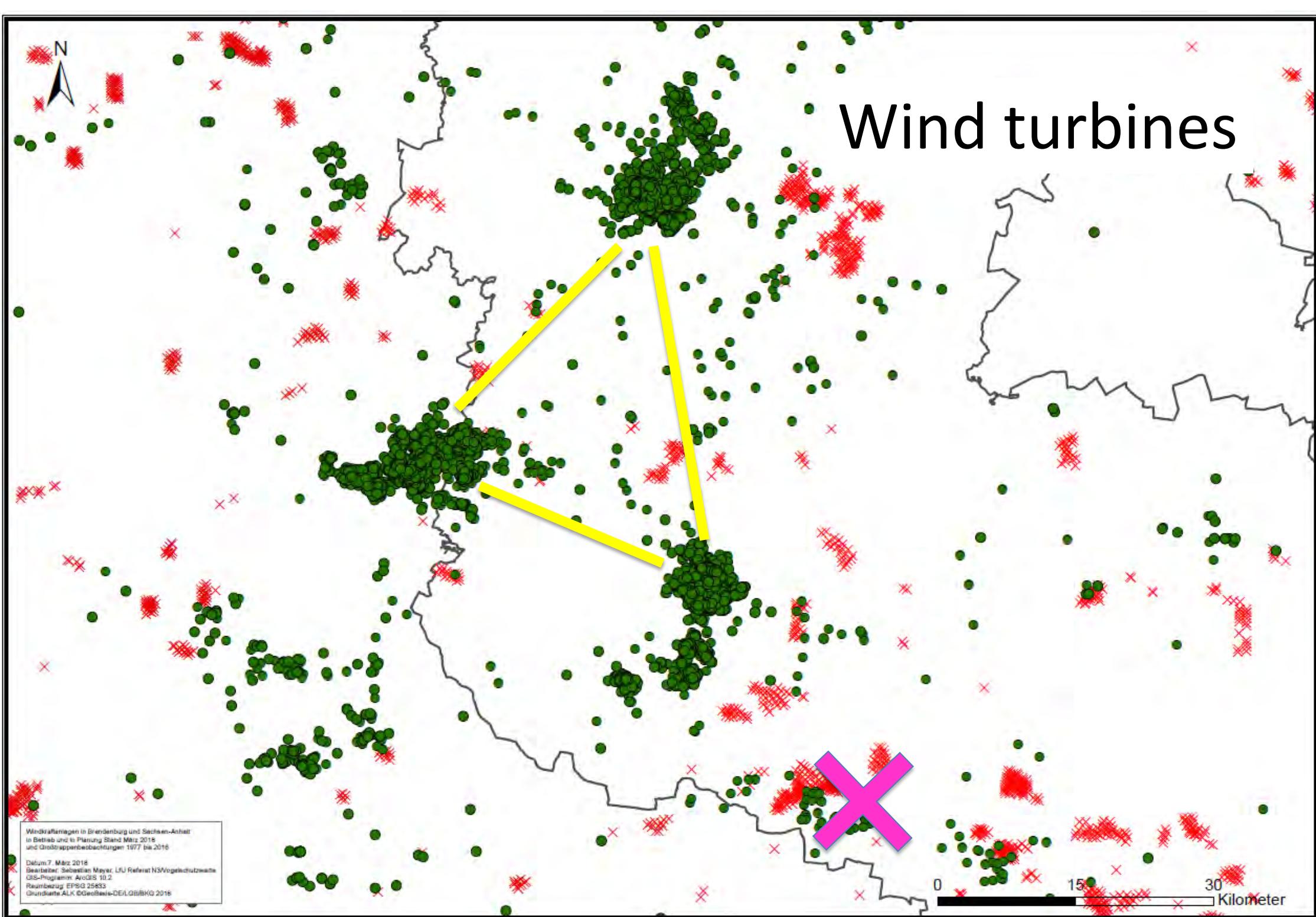


Windkraftanlagen in Brandenburg und Sachsen-Anhalt
in Betrieb und in Planung Stand März 2016
und Großflächenbeobachtungen 1977 bis 2016

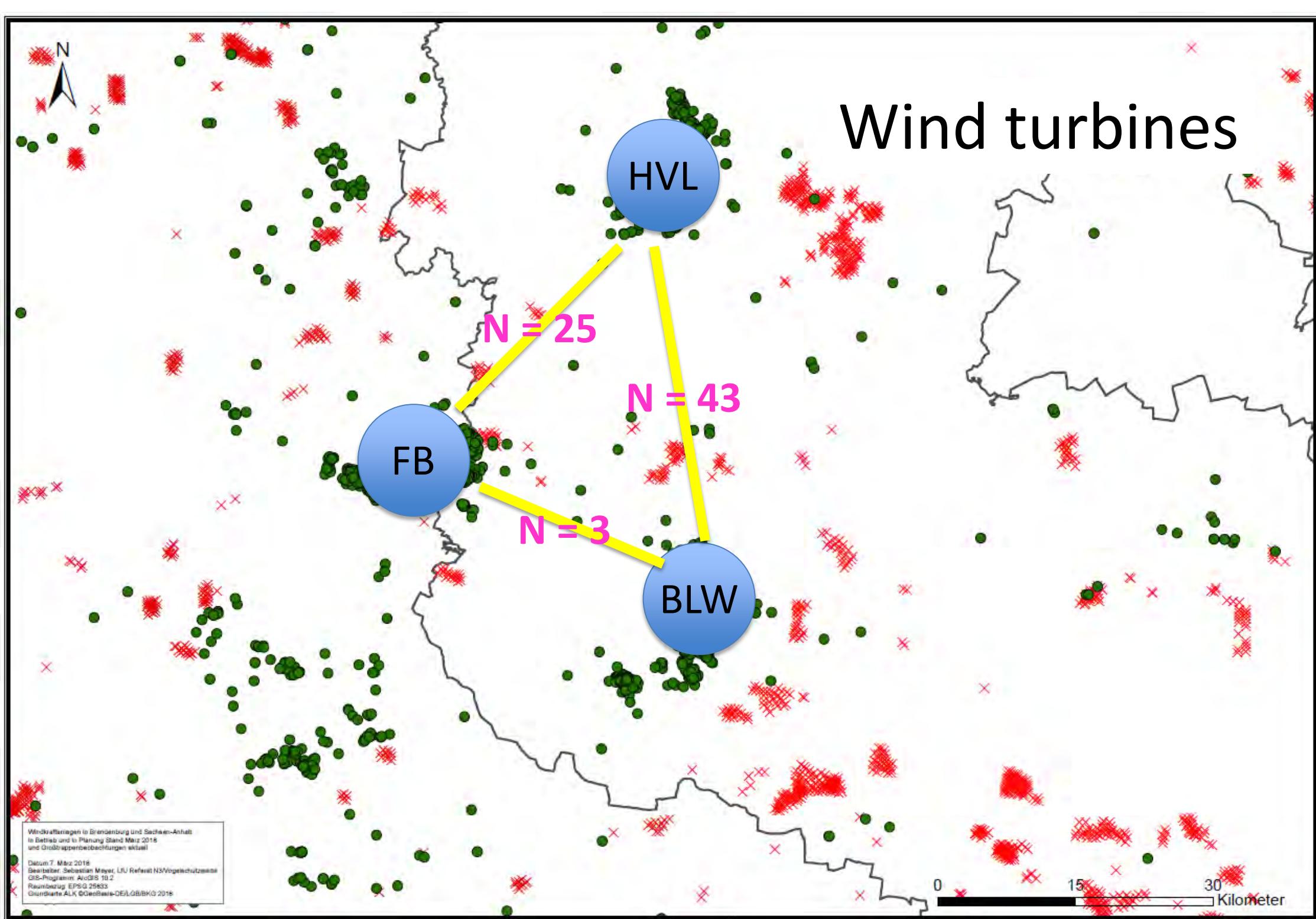
Datum: 7. März 2016
Bearbeiter: Sebastian Meyer, IAU Referat N3/Vogelschutzweiss
GIS-Programm: ArcGIS 10.2
Raumbezug: EPSG 25833
Grundkarte ALK ©GeoBasis-DE/LG/BKG 2016

0 15 30 Kilometer

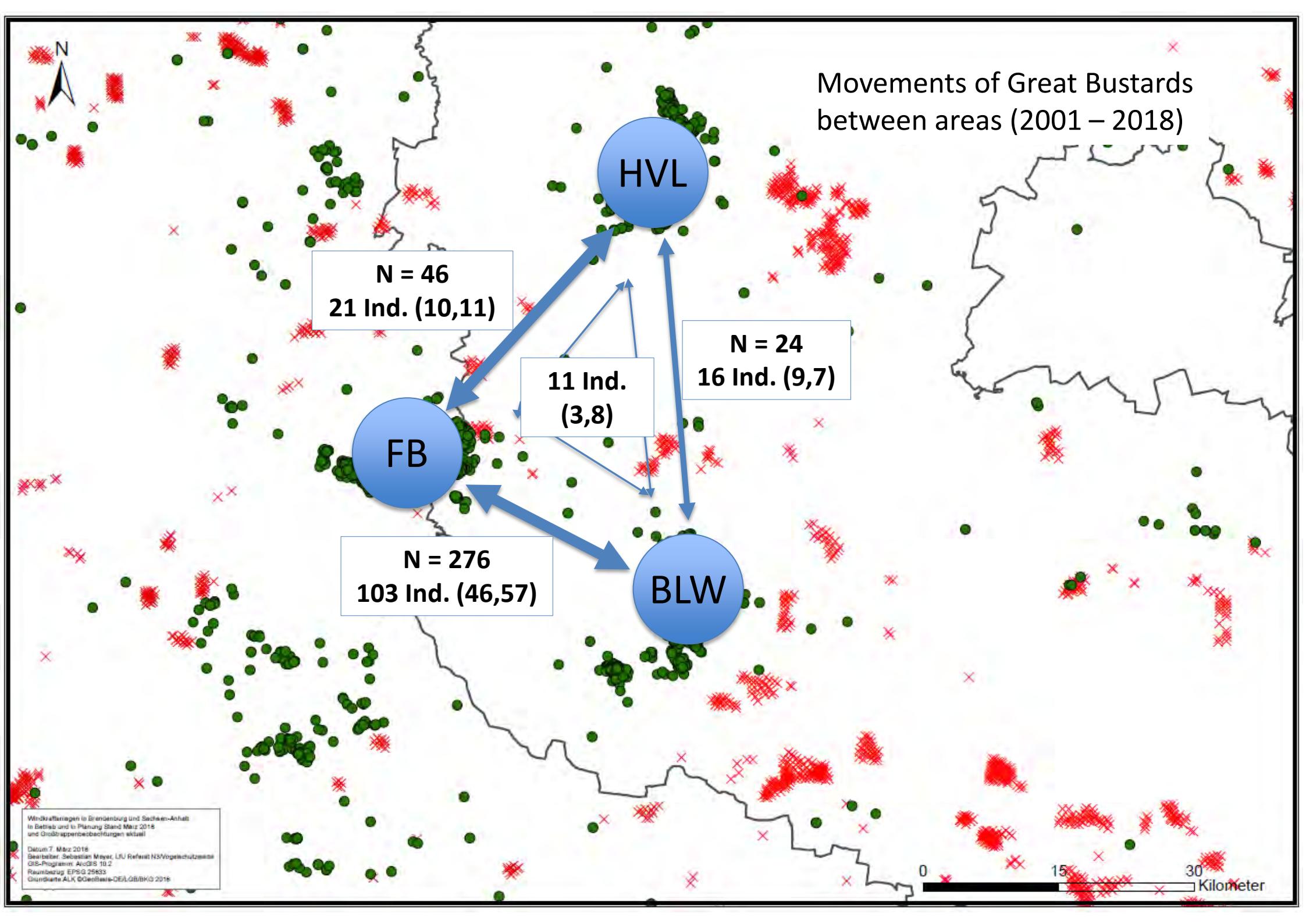
Wind turbines



Wind turbines



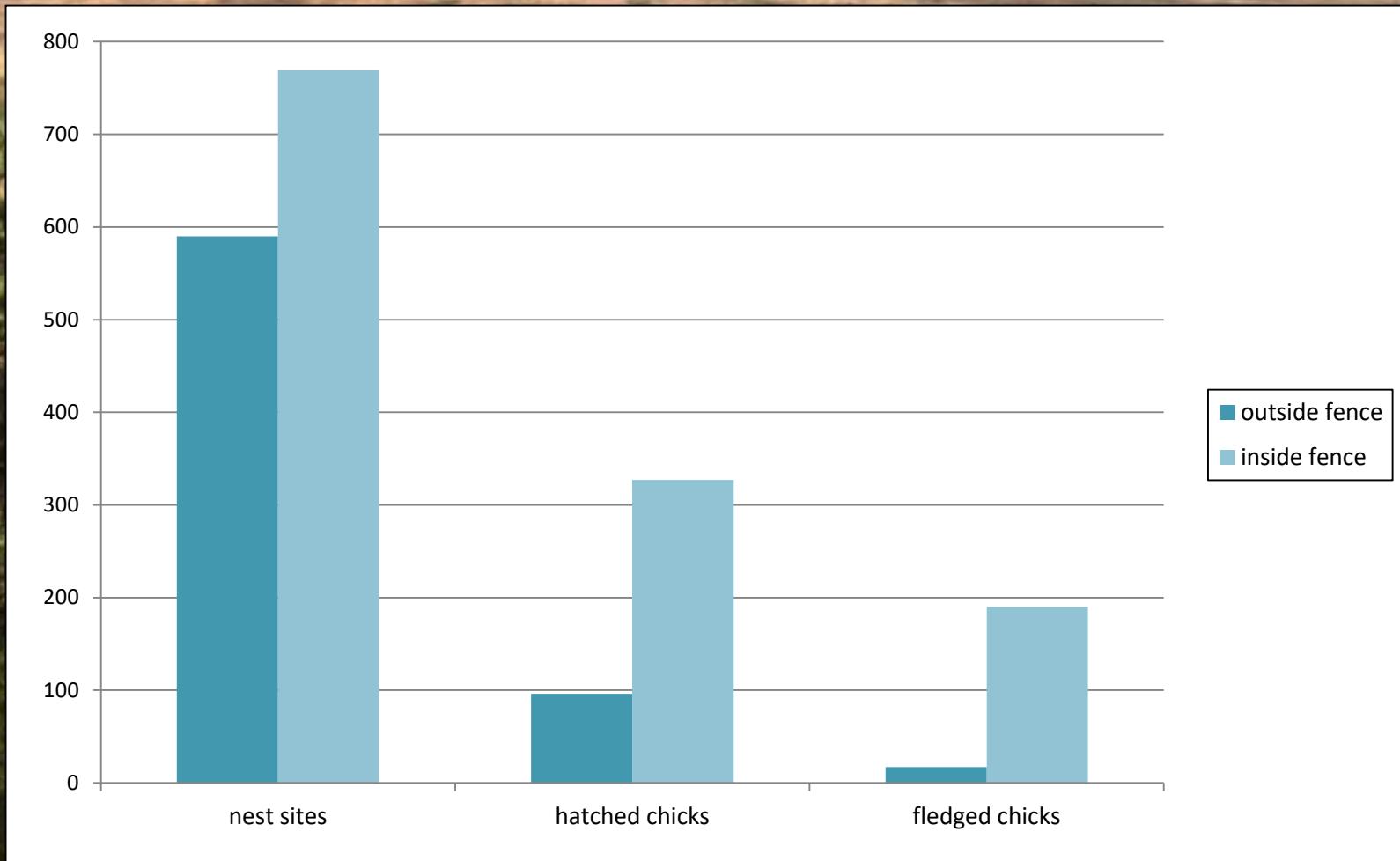
Movements of Great Bustards between areas (2001 – 2018)















1940



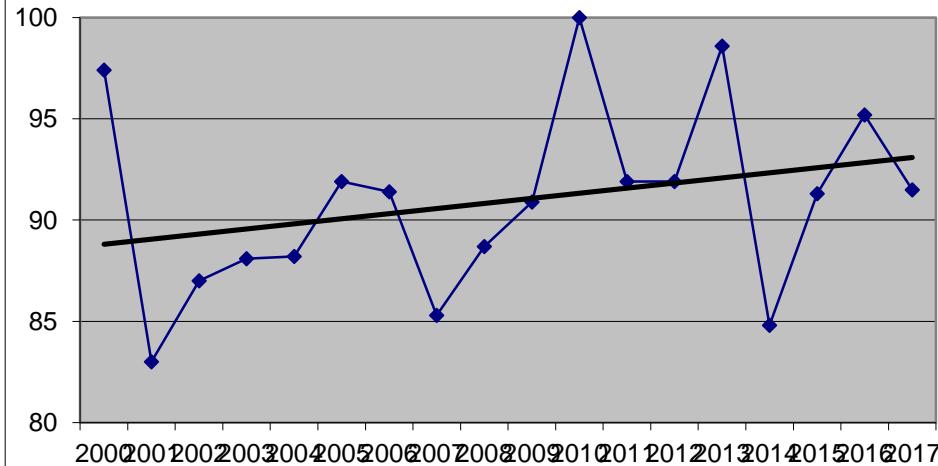
2018

Still need of reinforcement ...

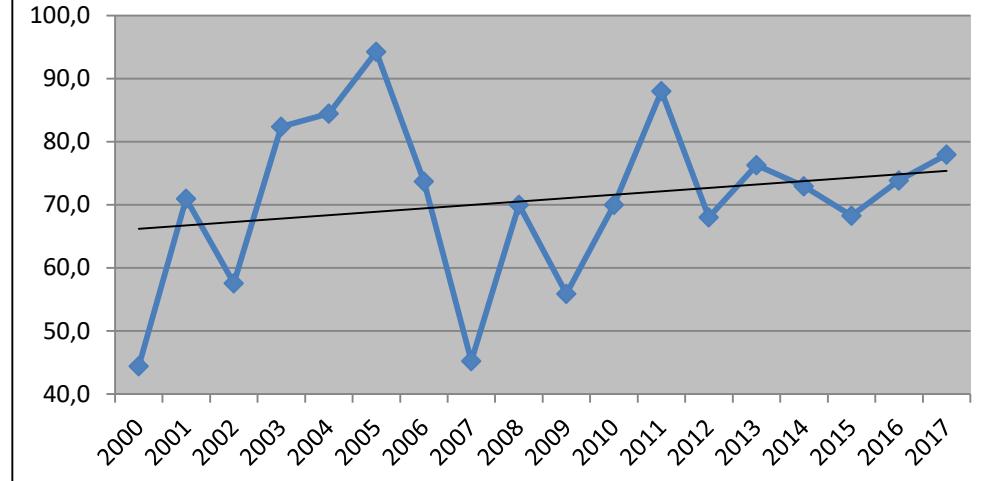


Results of reinforcement ...

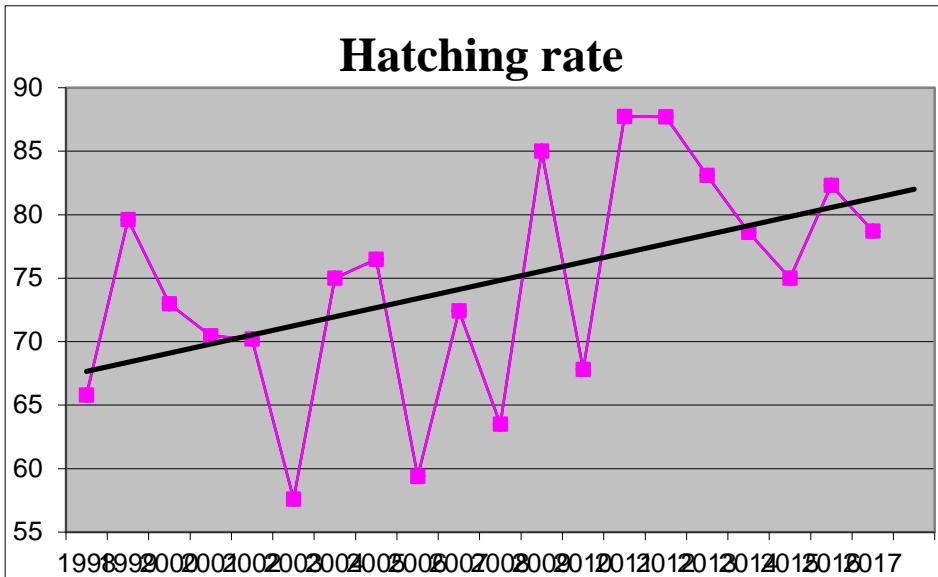
Insemination rate



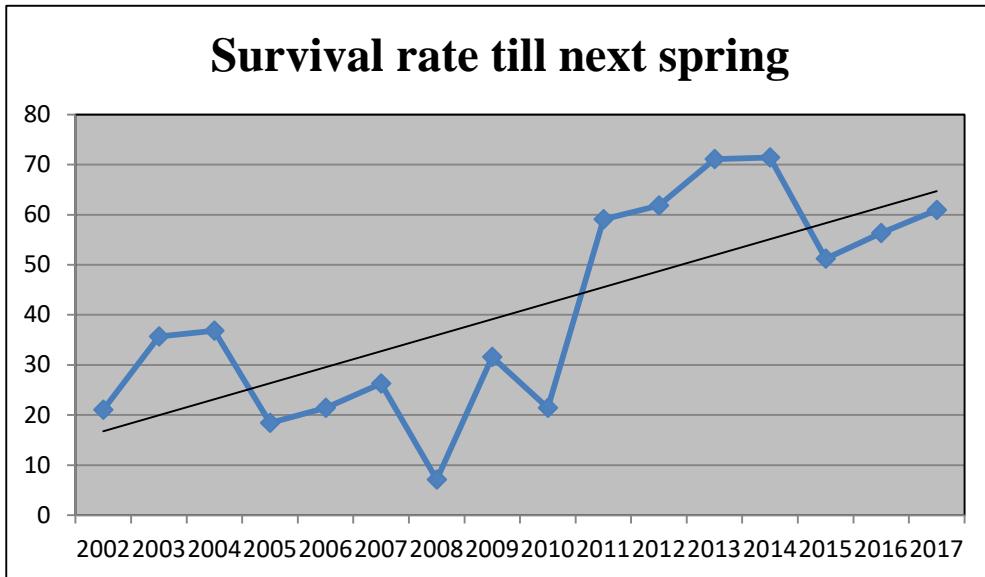
Released birds per hatched chick



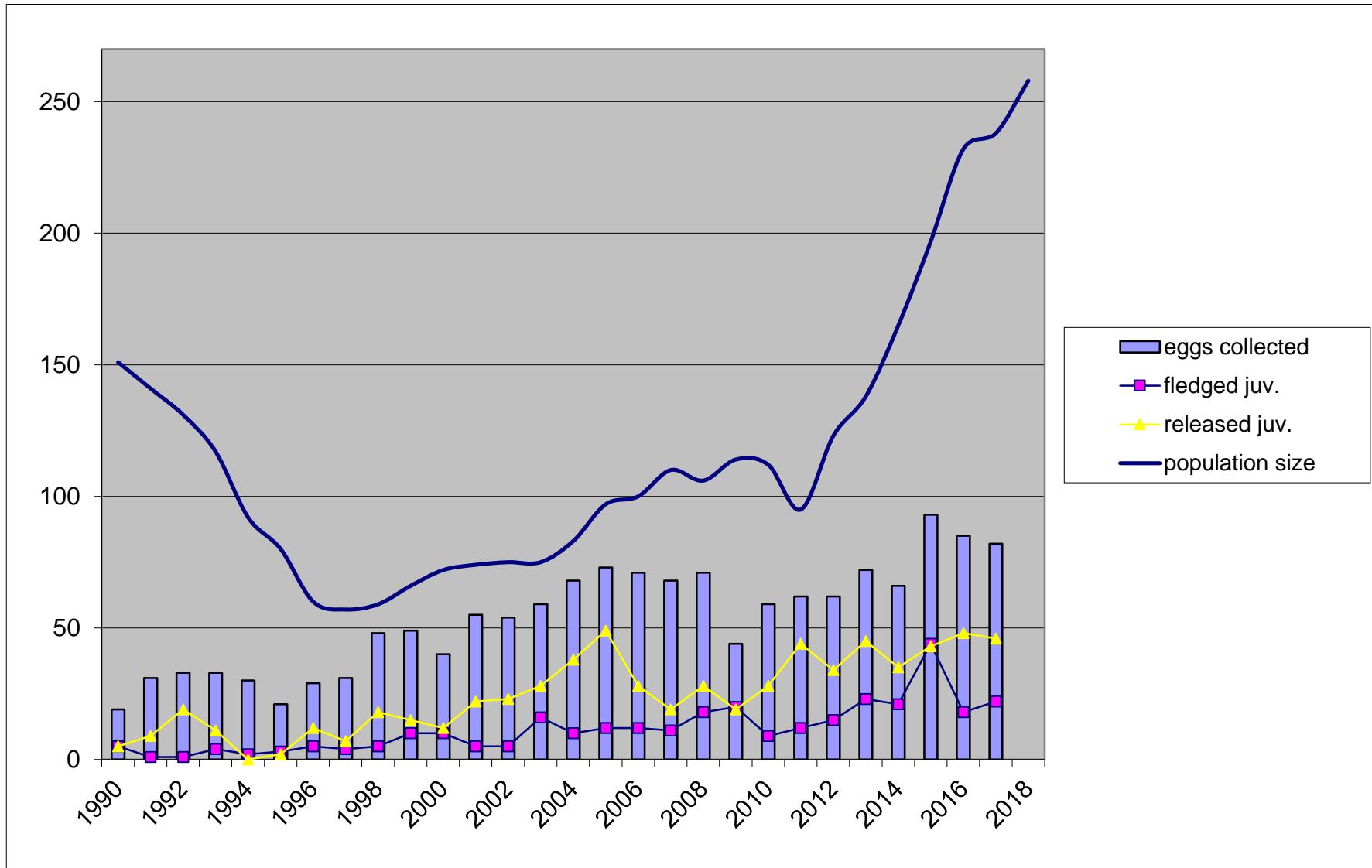
Hatching rate



Survival rate till next spring



Wild offspring and reinforcement ...





Many thanks for nice photos
to
B. Block (†), A. Eisenberg,
N. Eschholz, S. Fahl,
W. Jaschke, T. Krumenacker,
H. Litzbarski, A. Marinkó, D.
Nill & F. Plücken.

Thanks as well to all
members of the staff incl. our
NGO, all farmers and hunters
involved and other persons
who assisted!

