

African Swine Fever

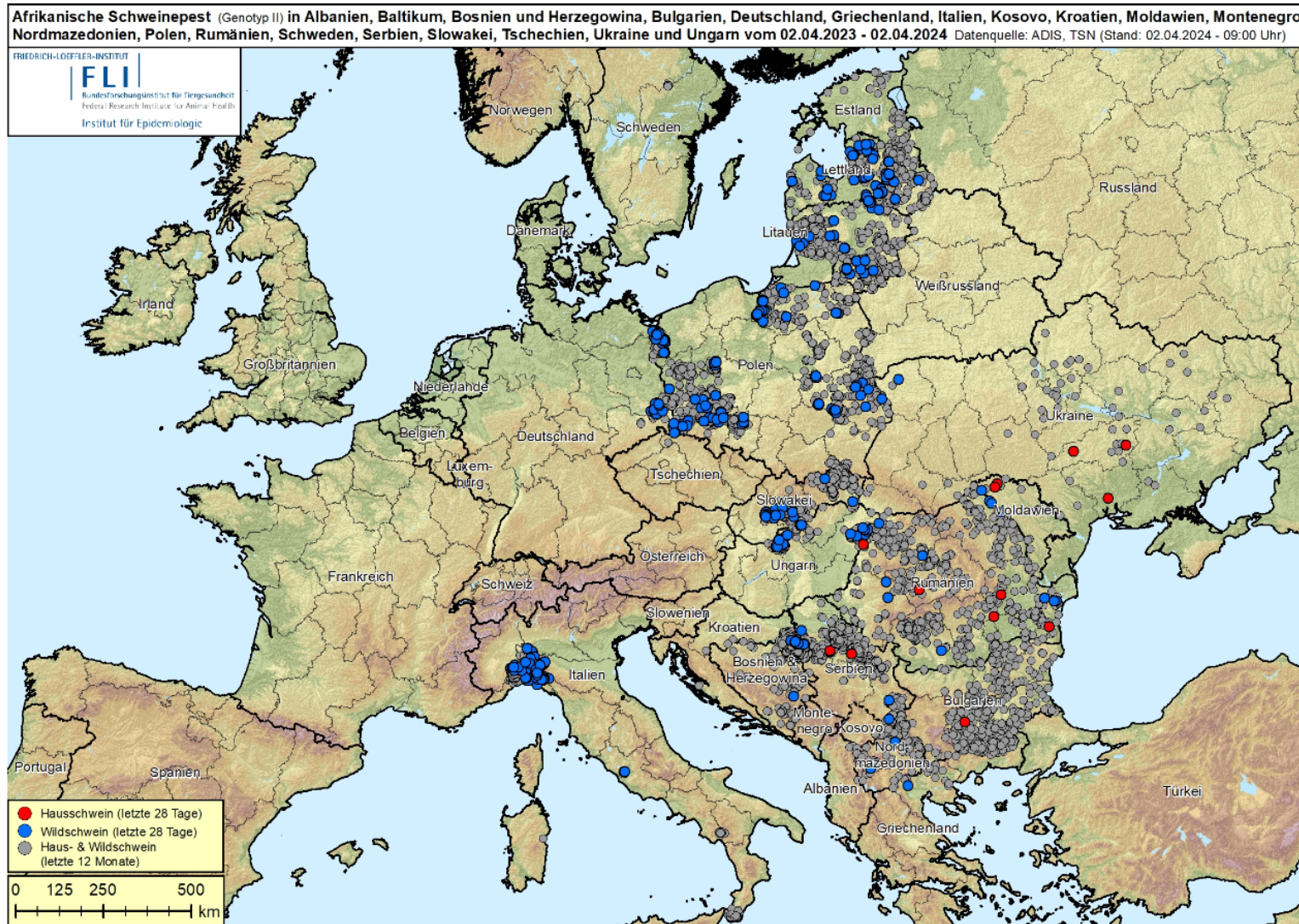
- Spread and control measures in Germany

Friedrich-Loeffler-Institut, Insel Riems

GF-TADs Meeting 08.04.2024



ASF - current situation in Europe



FRIEDRICH-LOEFFLER-INSTITUT

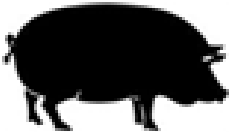
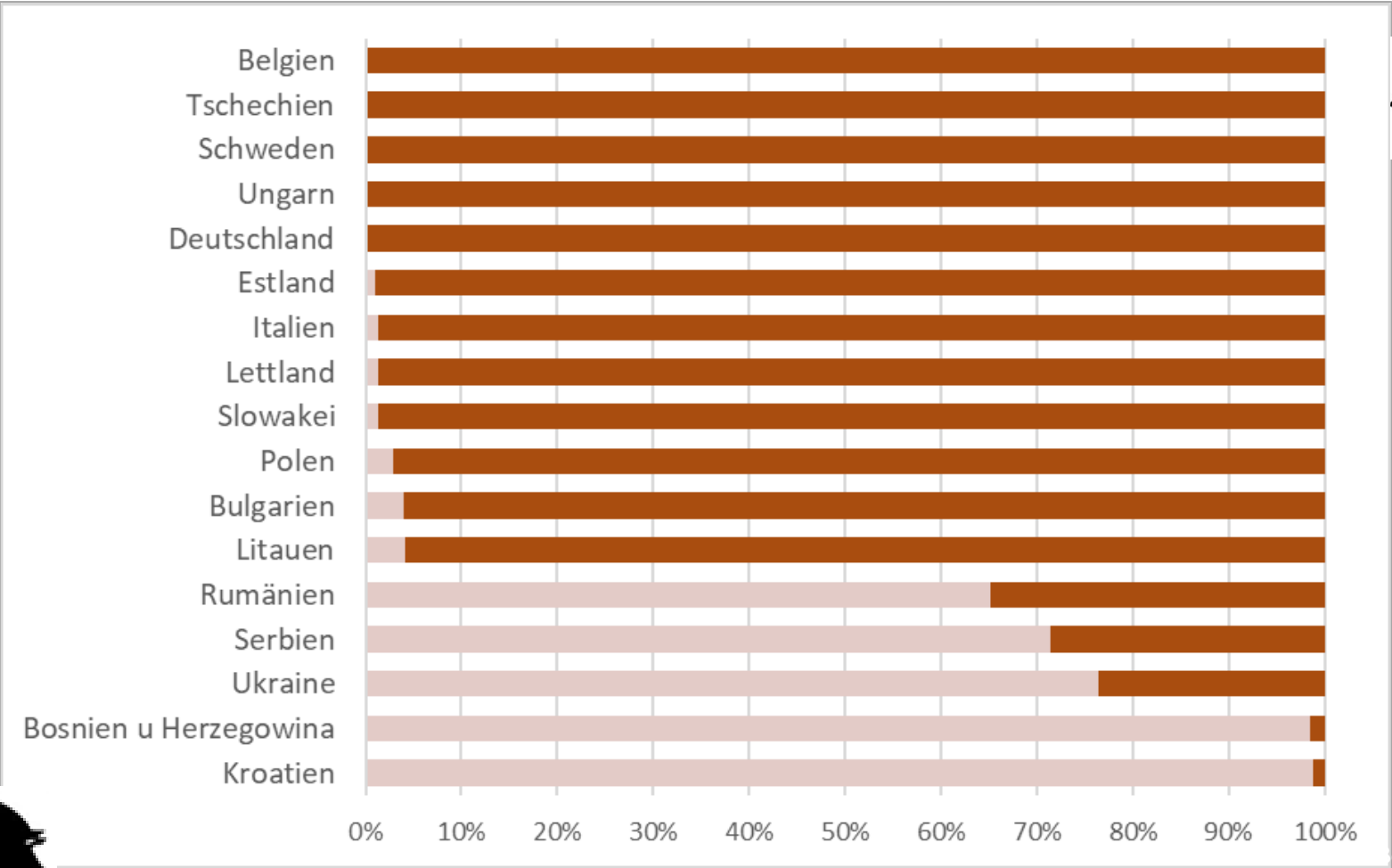
seit 1910

FLI

Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

ASF Situation Europe

As of: 04.04.2024



FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

FLI

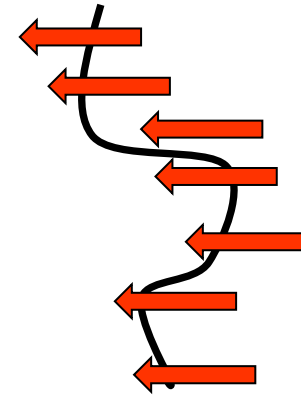
Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

ASF Transmission Europe

ASF infected wild boar

- Immigration into free areas
- => Area exposition

- Point introduction (Western Poland, Belgium, Czech Republic, Italy ...)



ASF persists in the wild boar population

- Different to the situation in the 50s/60s in Spain and Portugal

Human Activity

- Contaminated products, hunting trophies etc.
- => Point introduction / long distance transmission / „Jumps“



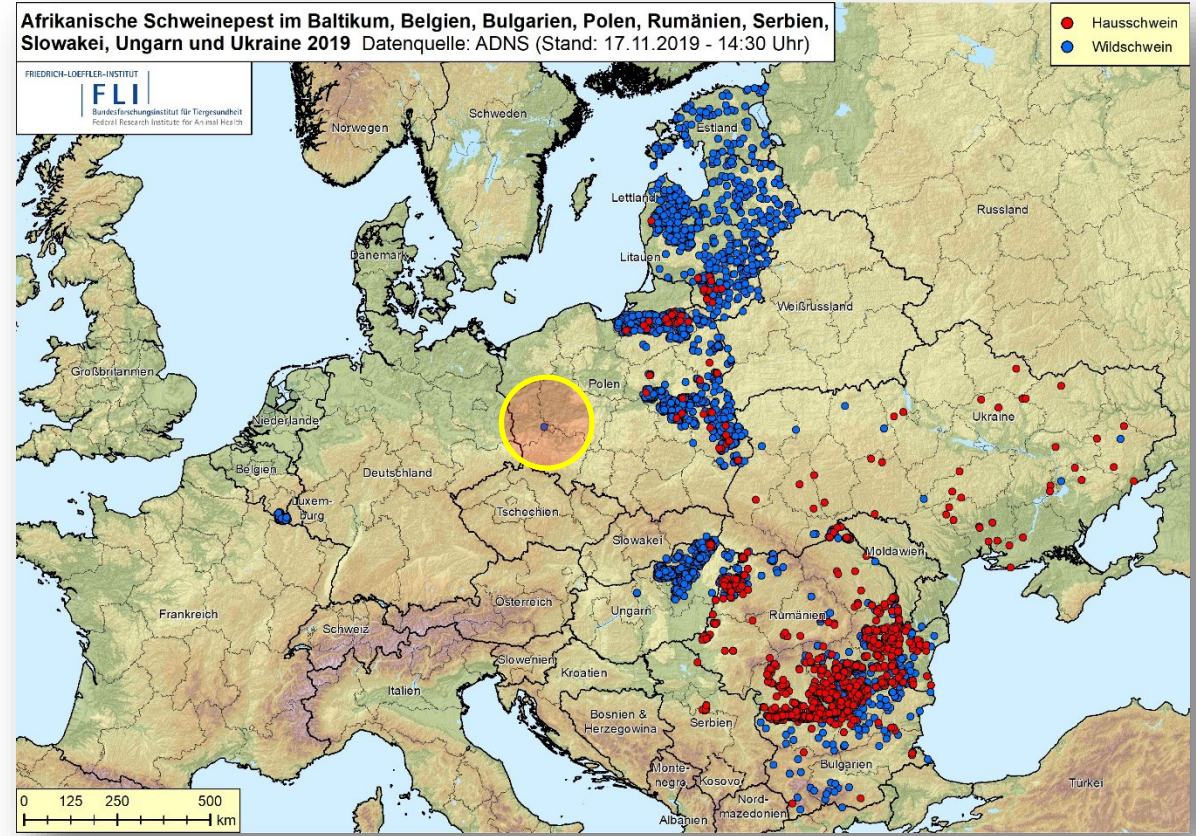
FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

FLI

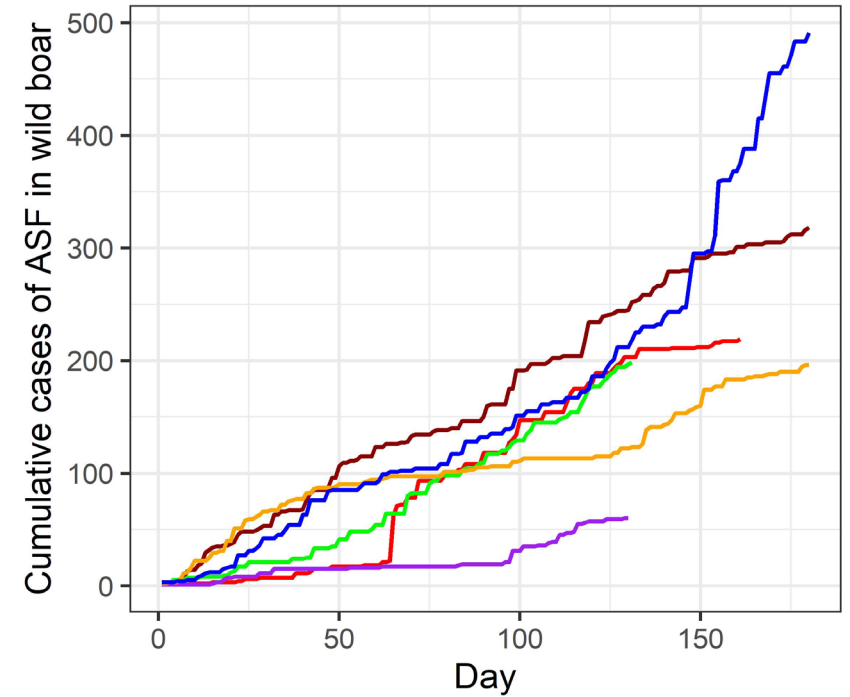
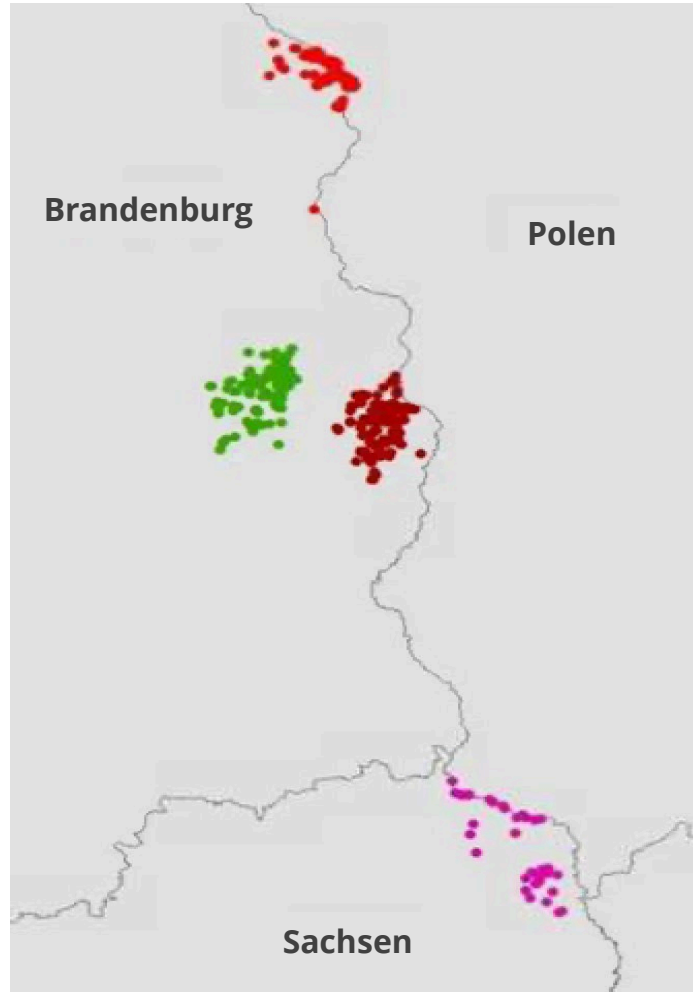
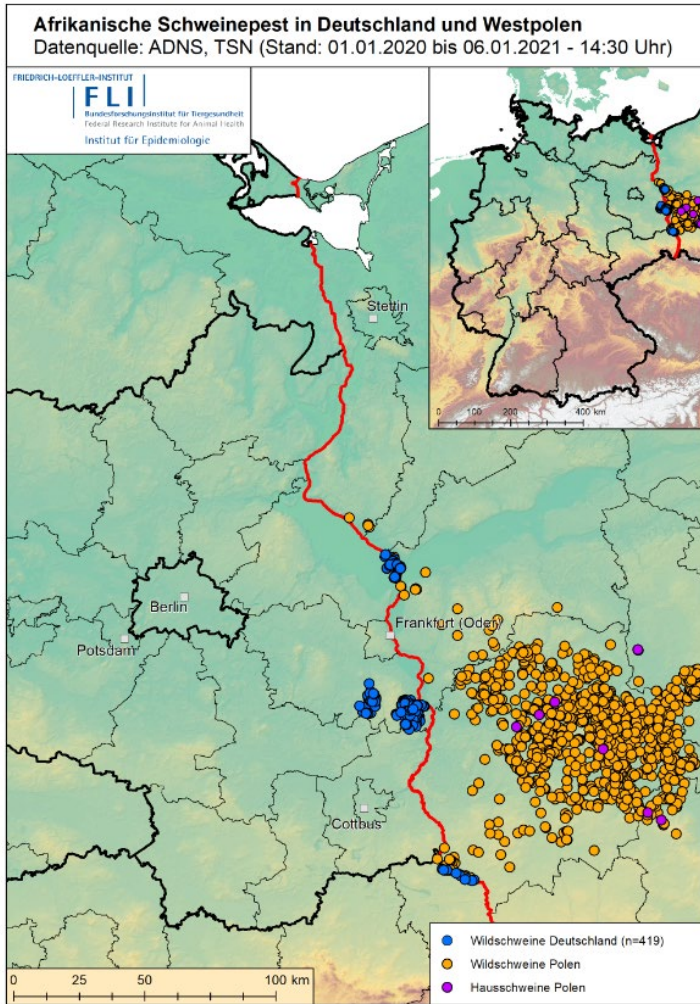
Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

ASF - Spread in Europe



Western Poland November 2019

ASF - January 2020 - Germany



FRIEDRICH-LOEFFLER-INSTITUT

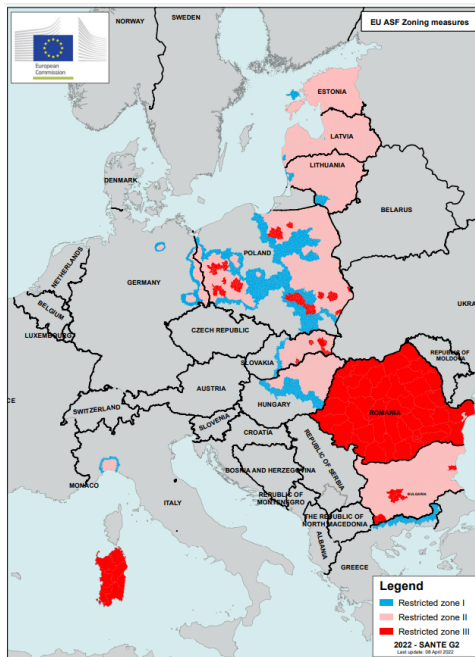
seit 1910

FLI

Bundesforschungsinstitut für Tiergesundheit
 Federal Research Institute for Animal Health

ASF - control measures in wild boar

Zoning



Fences



Search for carcasses



Reduction of wild boar population



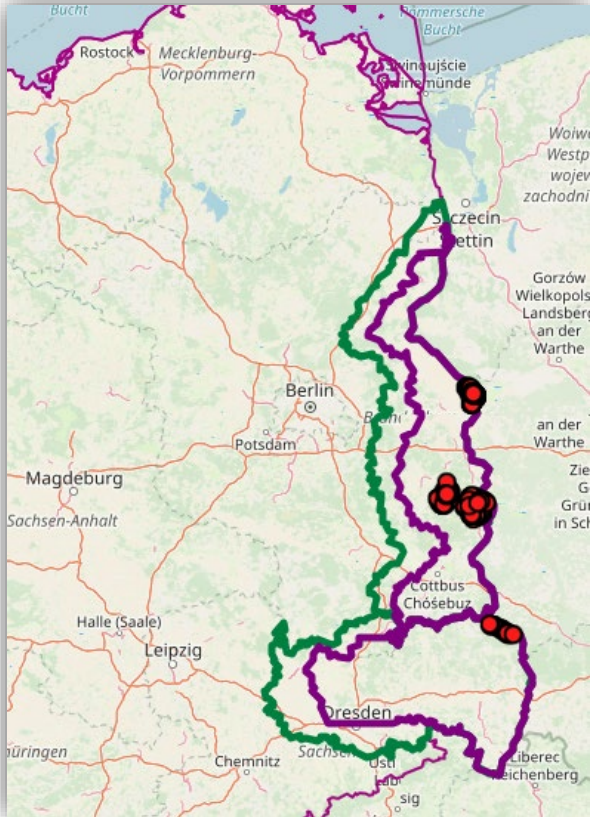
FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

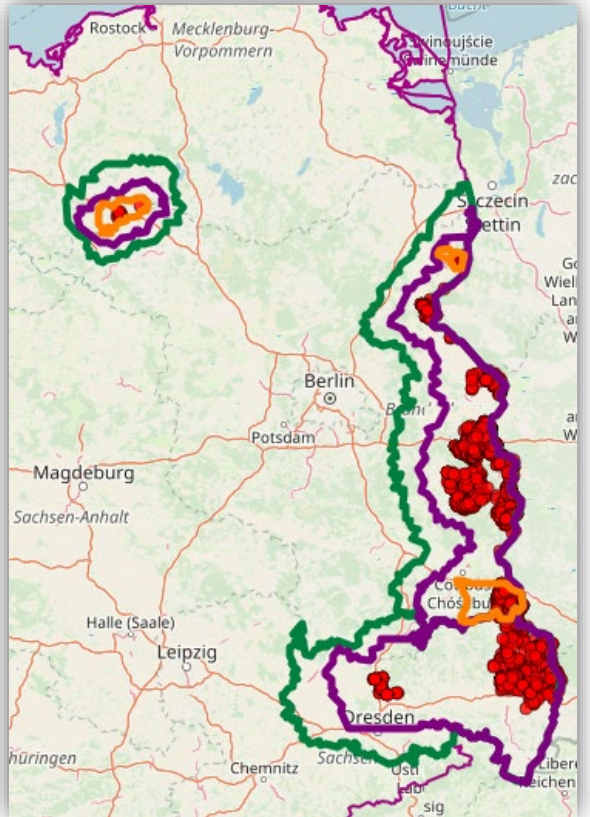
FLI

Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

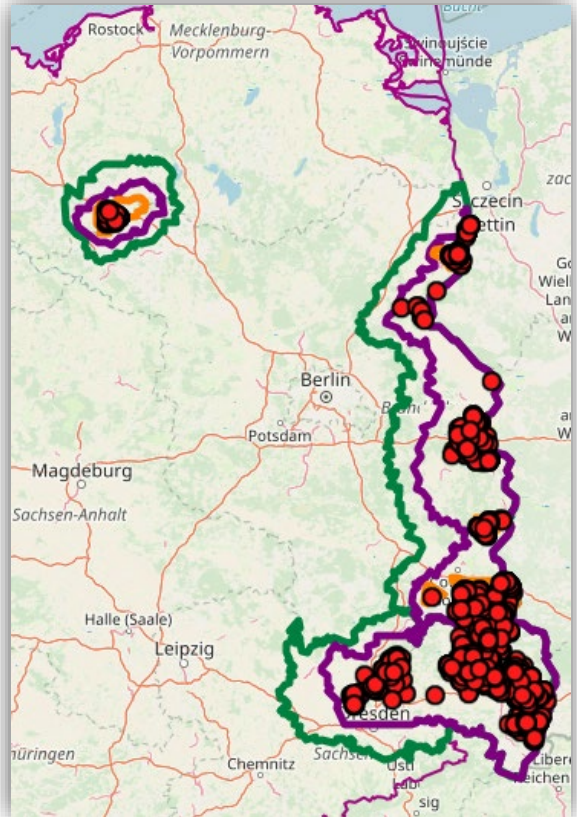
ASF- success in controlling the disease in wildboar



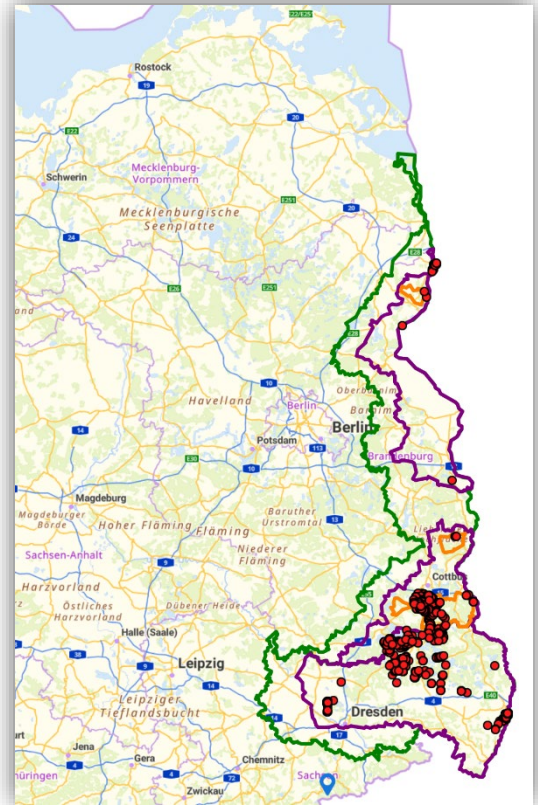
2020



2021



2022



2023



FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

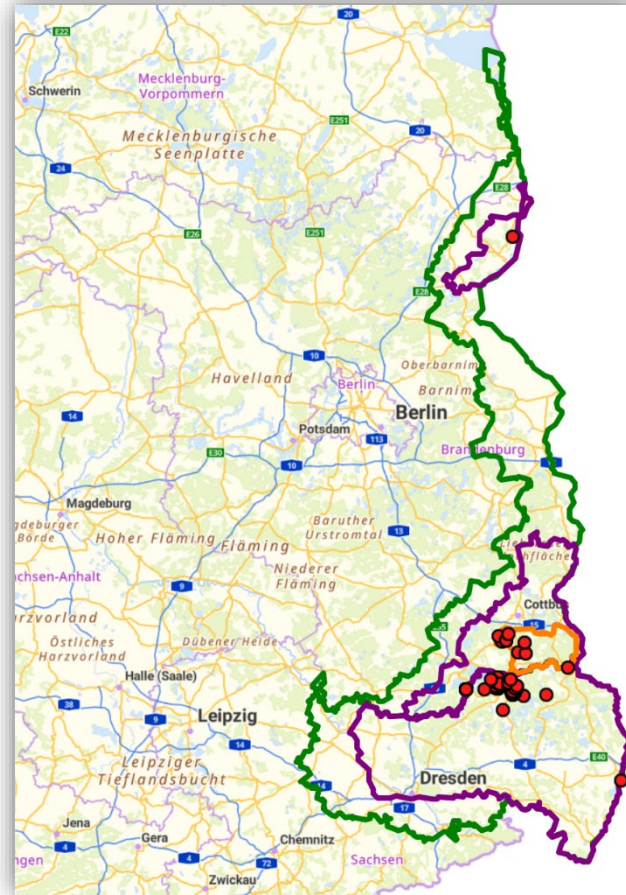
FLI

Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

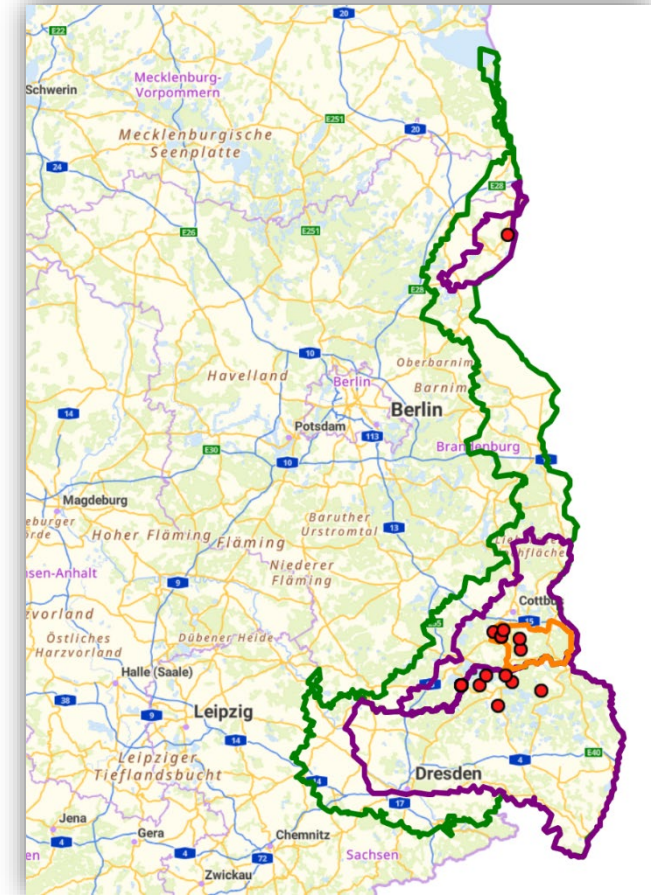
ASF - success in controlling the disease in wildboar



Last 6 months



Last 3 months



Last 4 weeks



FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

FLI

Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

ASF - domestic pigs

8 outbreaks of ASF in domestic pigs

July 2021: three holdings (BB)
two small holder (2 and 4 pigs)
one farm

Nov 2021:
one farm (MV)

June 2022:
One outdoor holding (BW)

July 2022:
one farm in NI and BB each

Feb 2023:
one small holder (BB)



agrarheute > Tier > Schwein > ASP bei Hausschweinen in Deutschland ausgebrochen
+++ Aktualisiert am 23. Juli um 09:36 Uhr +++
ASP bei Hausschweinen in Deutschland ausgebrochen
© stock.adobe.com/timestudia Am Donnerstagabend bestätigte das FLI den Ausbruch der Afrikanischen Schweinepest in Hausschweinebeständen.



Um den betroffenen Betrieb wurde eine Sperrzone eingerichtet.

ASF - domestic pigs - biosecurity

Along the border to Poland

In areas where ASF in wild boar occurs (restriction zone II) - low biosecurity

Similar to experiences in the Baltic States



FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

FLI

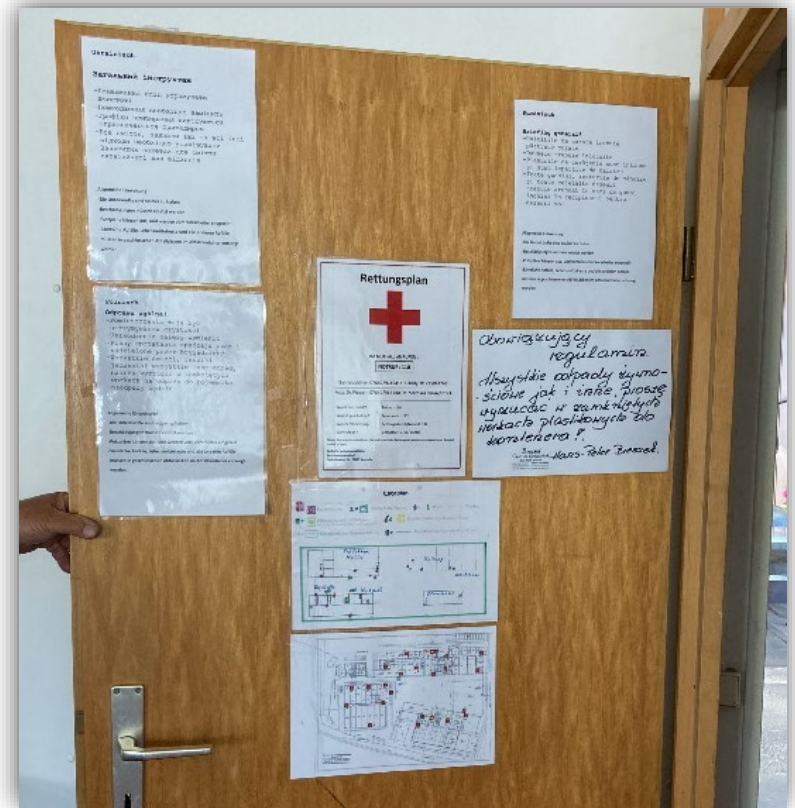
Reinhold 2023
Institut für Tiergesundheit
Federal Research Institute for Animal Health

ASF - domestic pigs - outdoor farm

Producer of asparagus / strawberries

Farm with seasonal workers

- Lived about 1600 m away from pigs
- Mainly from Rumania and Poland
- Precautionary measures



FRIEDRICH-LOEFFLER-INSTITUT

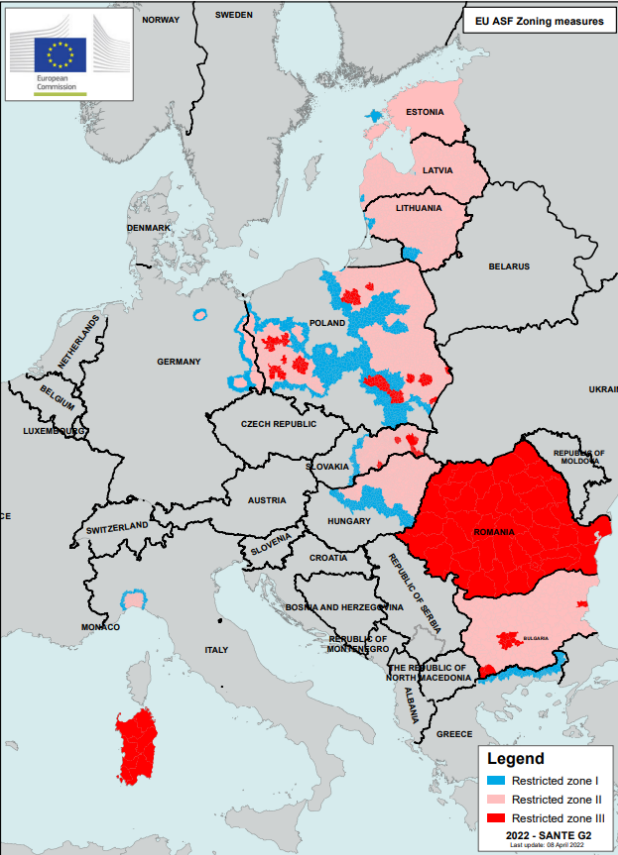
seit 1910

FLI

Rechenrat 2023 Institut für Tiergesundheit
Federal Research Institute for Animal Health

ASF - control measures domestic pigs

Zoning



Culling



FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

FLI

Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

SUMMARY



Wild boar

Challenges

- several stakeholders
- long-term
- resource intensive
- esp. search for carcasses
- elimination of wild boar

Success in most areas by now



Domestic pigs

Challenges

- continuous awareness
- outdoor keeping

- Biosecurity
- Monitoring



FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

FLI

Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health

Acknowledgements

Colleagues of the federal states

Hunters, farmers, vets, official authorities ...

Colleagues of the Baltic States

Thank you very much

Katja Schulz, Christoph Staubach, Franz Conraths, Jörn Gethmann,
Timo Homeier-Bachmann, Nicolai Denzin, Hannes Bergmann,
Sandra Blome, Patrick Wysocki, Daike Lehnau, Nicole Reimer,
Stephan Eichenberg,




FRIEDRICH-LOEFFLER-INSTITUT

seit 1910

FLI

Bundesforschungsinstitut für Tiergesundheit
Federal Research Institute for Animal Health



Thanks for your
attention

Patrick Wysocki
Stephan Eichenberg
Nicole Reimer

Hunters, Veterinarians,
official authorities, farmers ...