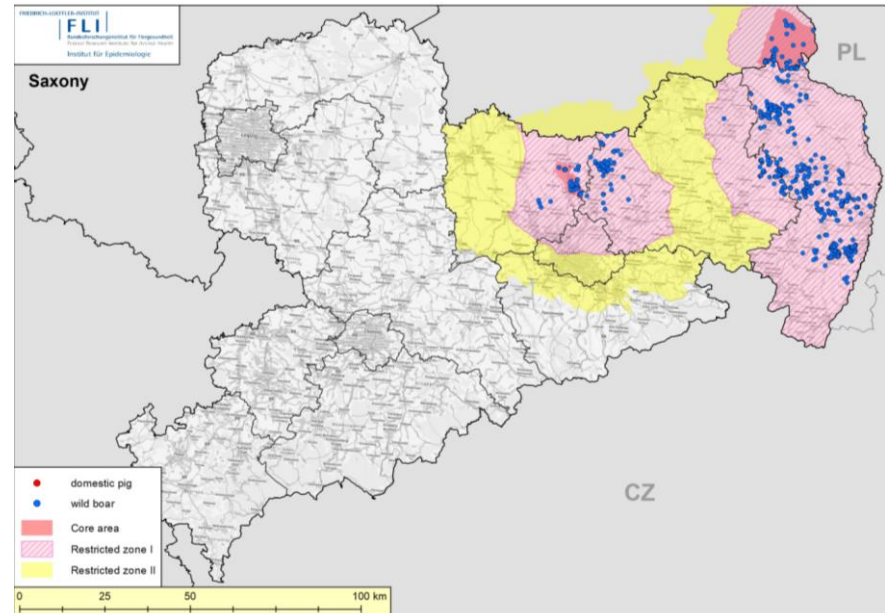
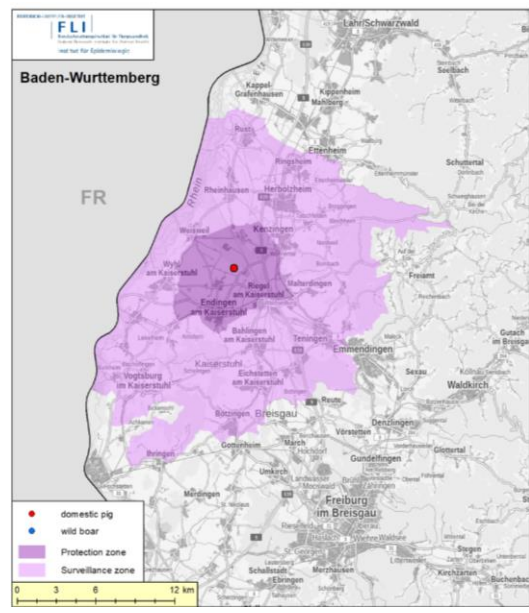
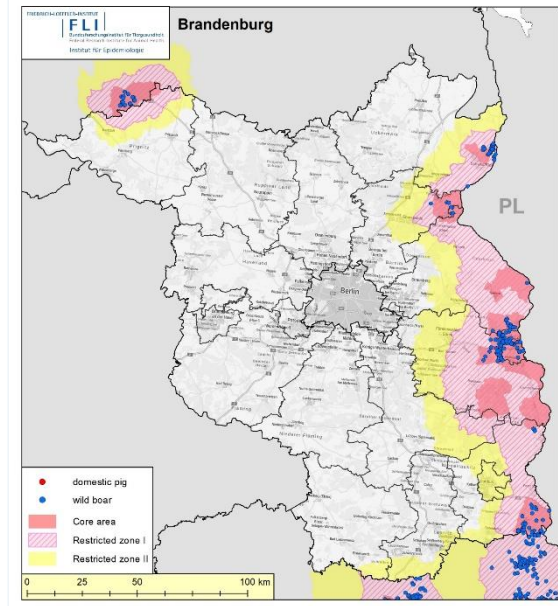
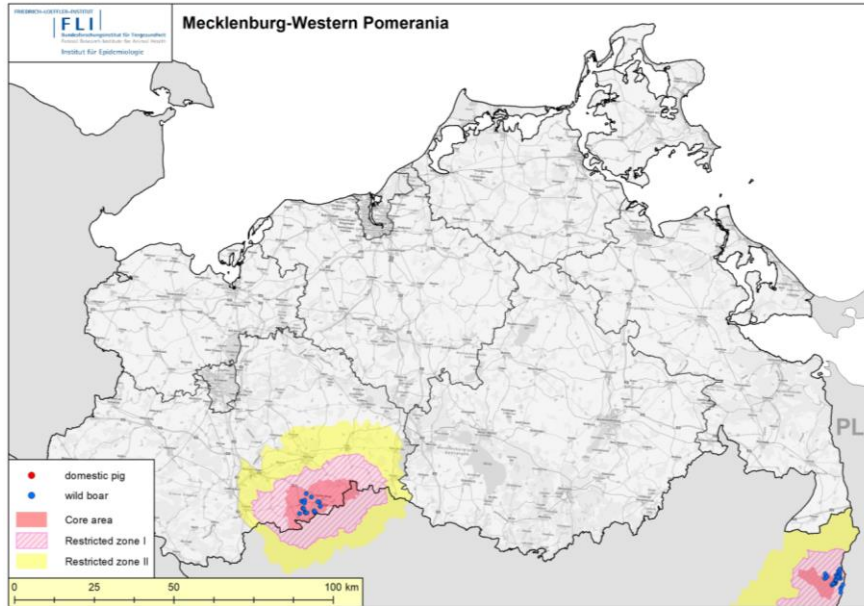
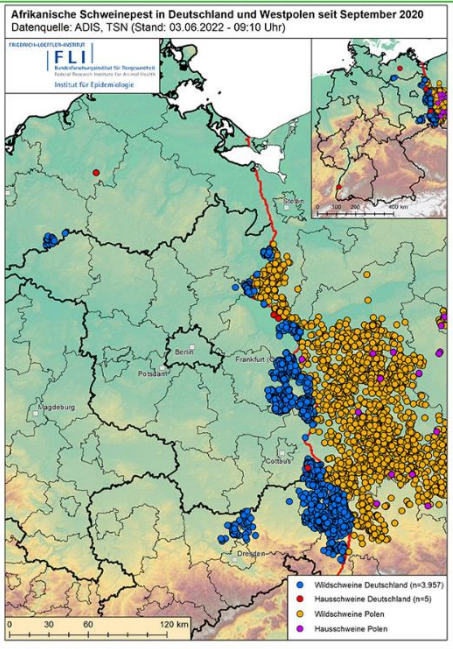




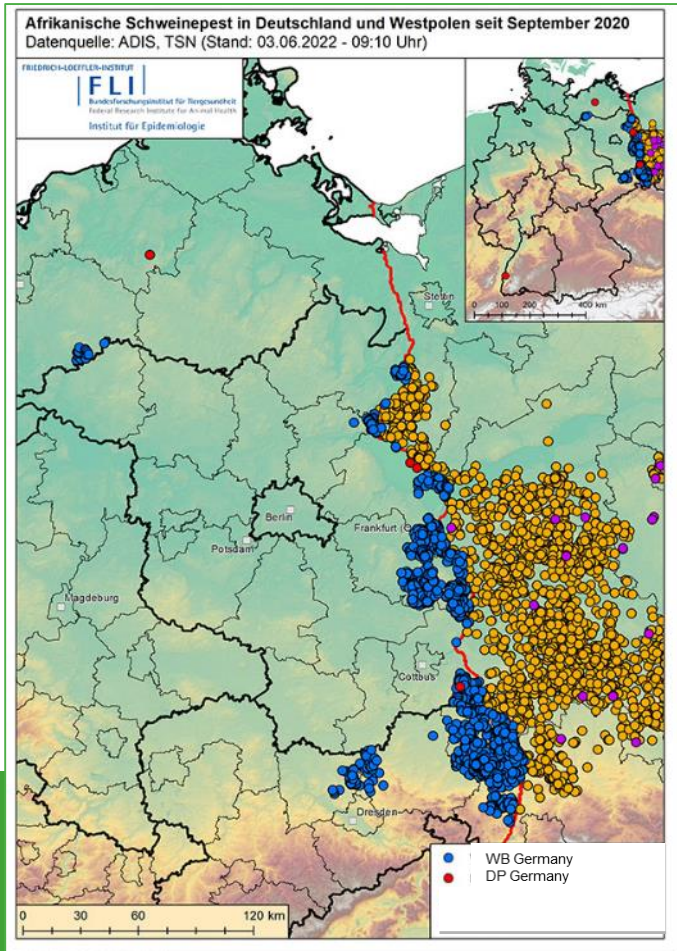
African swine fever in Germany

SCoPAFF-meeting – June 2022

ASF – Overview



ASF – Overview



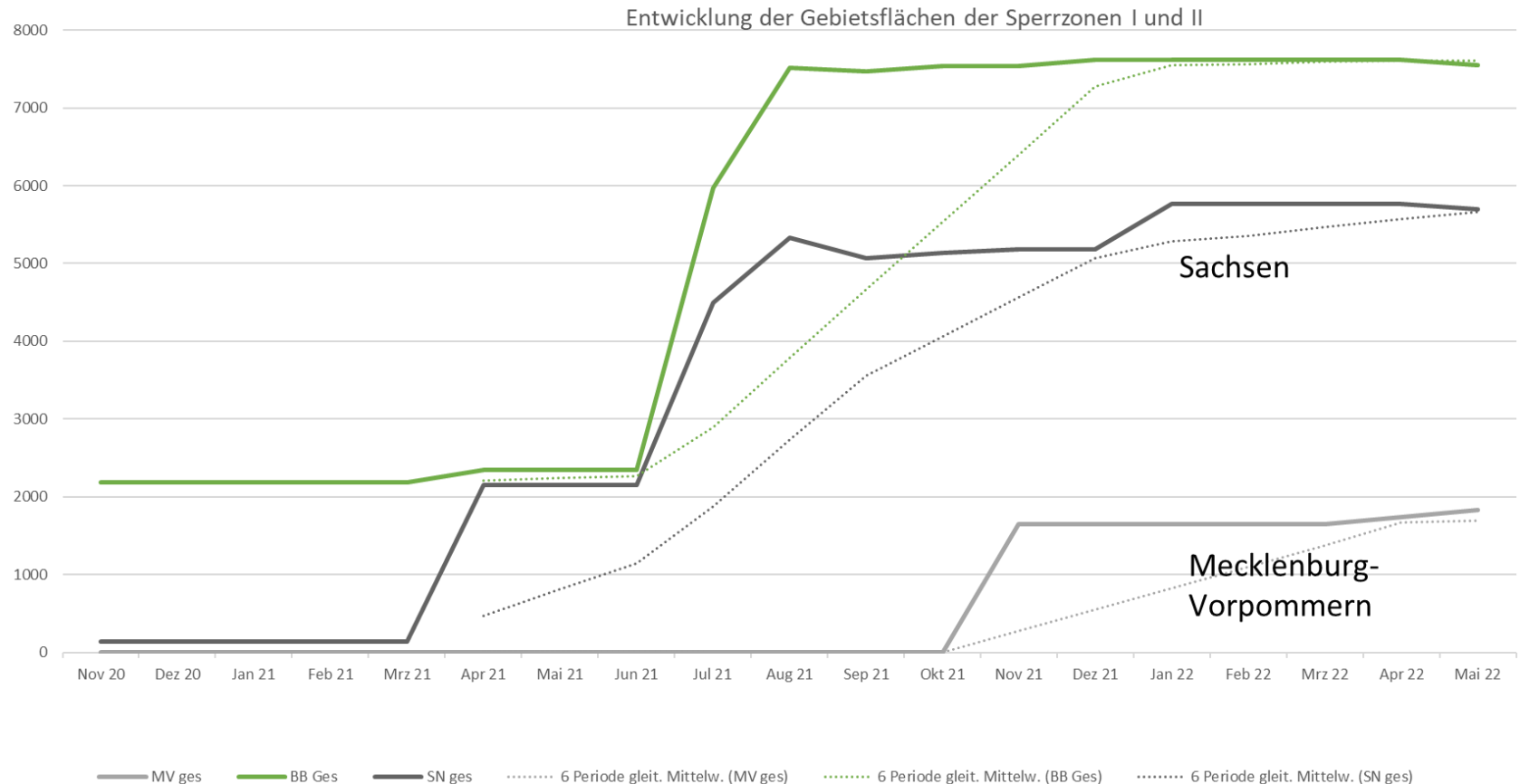
	BB wb	BB dp	SN wb	SN dp	MV wb	MV dp	BW wb	BW dp	Total
09/2020- 05/2022	2544	3	1375	-	35	1	-	1	3959

BB: Brandenburg
 SN: Saxony
 MV: Mecklenburg-Western Pomerania
 BW: Baden-Wurttemberg

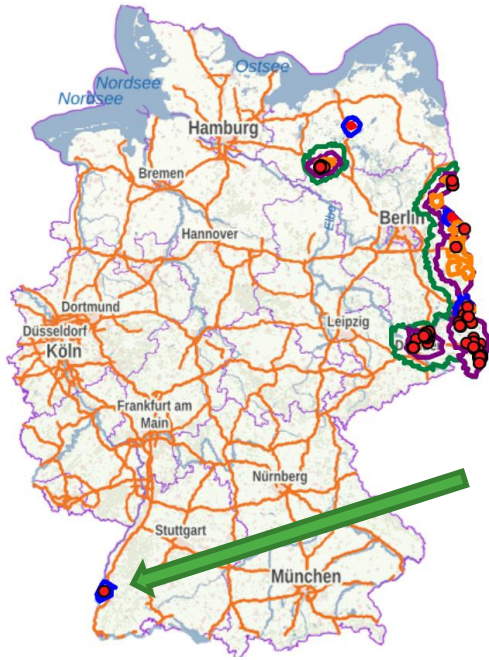
wb: wild boar
 dp: domestic pigs
 Date: 08.06.2022

ASF – Overview

Development of RZ



ASF – Baden-Württemberg



Source: <https://www.landkreis-emmendingen.de/>



Source: <https://www.landkreis-emmendingen.de/>



Source: <https://www.landkreis-emmendingen.de/>

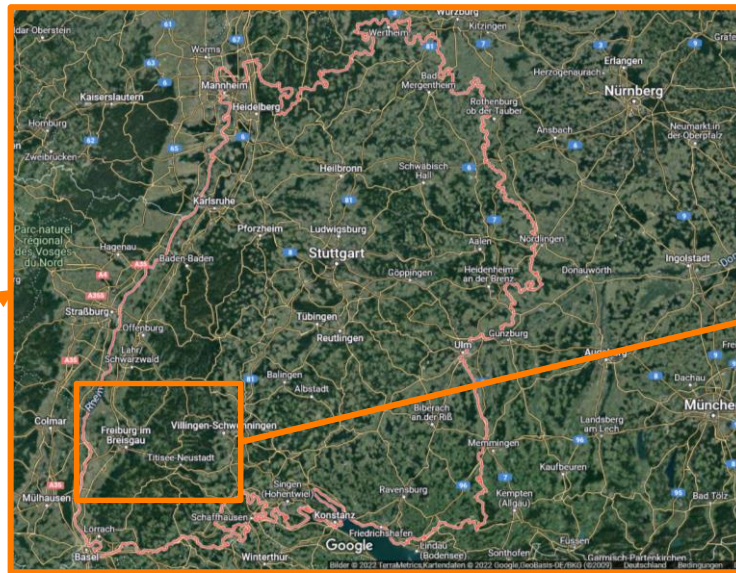


Source: R. Span

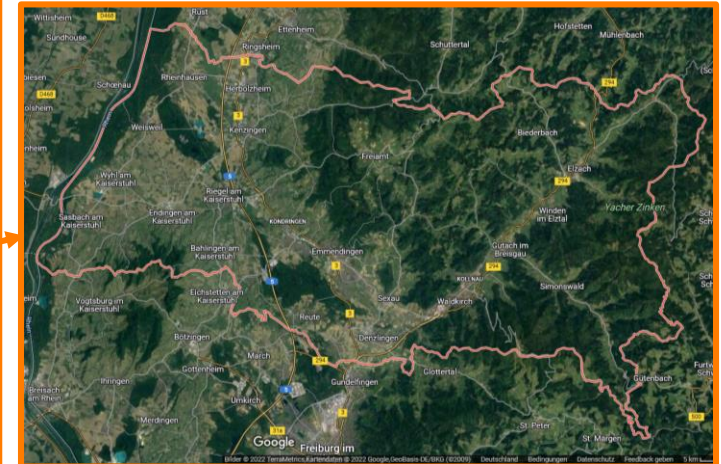
ASF – Baden-Württemberg (BW)



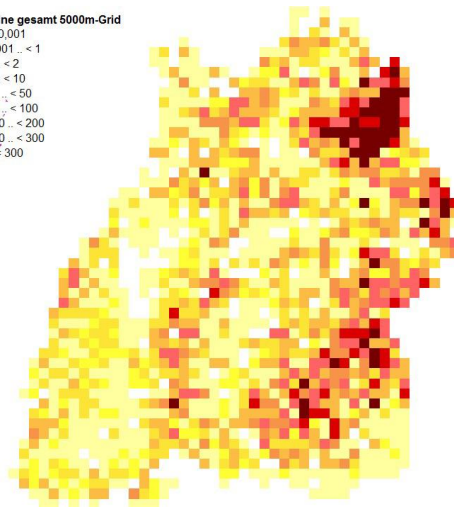
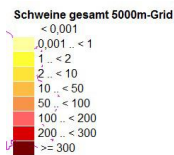
Germany



Baden-Württemberg



District Emmendingen

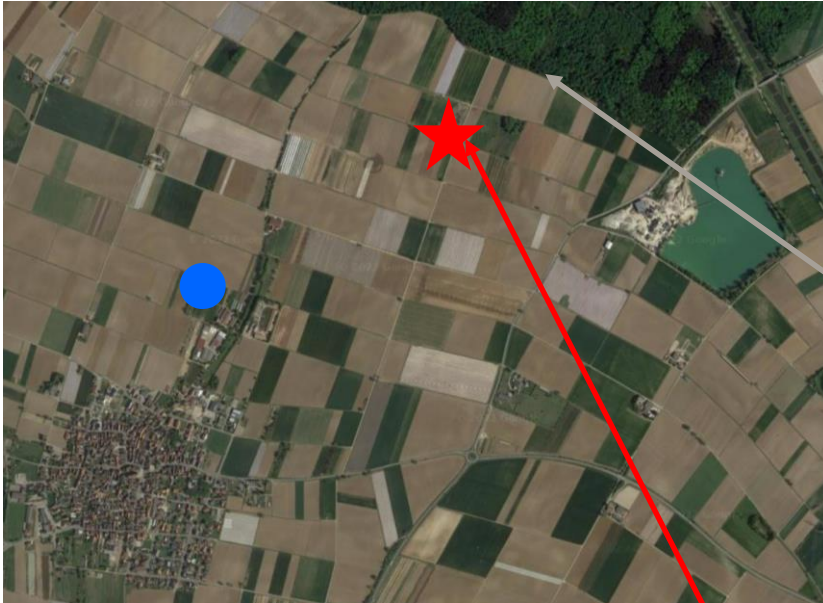


BW-Overview: Domestic pigs/5000m-Grid

ASF: BW domestic pigs

Holding ●

- Outdoor keeping
 - Fattening farm
 - Up to 80 fattening places
 - 26/09/21 last animal purchase (n = 40)
 - 29/03/22 1 animal leaving (n = 39)
 - 28/04/22 last slaughter 4 animals (n = 35)
- Producer of asparagus, strawberries...
 - Harvesters mostly from Rumania, Poland, Ukraine
 - Accommodation of harvesters 1600m from the outdoor holding
 - No livestock in direct vicinity



Outdoor keeping ★

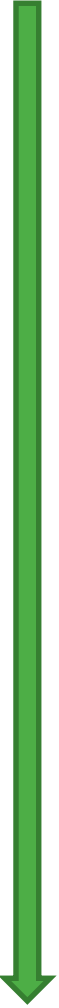
- Separately from main holding area
- 2,5 ha
- 3x fences (2 permanent fences, 1 e-fence; all undamaged)
- Forrest at a distance of 250 m, with an additional 4th fence in direction to the outdoor holding



additional fence along the forrest

three fences

ASF – BW domestic pigs: timeline

- 
- 19/05/2022 1 dead animal (n=34)
- 20/05/2022 2 dead animals (n=32)
Carcasses sent to regional laboratory
- 21/05/2022 11 dead animals (n=21)
- 24/05/2022 2 dead animals (n=19)
Regional laboratory ASF positive → samples sent to NRL
movement prohibition on the holding
start of epidemiological investigations
- 25/05/2022 culling of remaining animals (n=19)
NRL: confirmation ASF positive
Establishment of restricted zones (protection & surveillance zone)
- Start of first cleaning, disinfection and disinfestation
(Completion 29/05/2022)

ASF: BW domestic pigs: timeline

26/05/2022

Ascension of Christ
bank holiday

press conference (*agriculture minister*)

Ministry of Food, for Rural Areas and Consumer Protection BW (MLR):
information of economic operators and hunting and agriculture
associations

since

27/05/2022

Regional laboratory: further results on dp: ASFV positive,
no antibodies

Clinical examination of establishments
and sampling in protection zone (n=2 farms).

Beginning of randomly clinical examination of establishments
and possibly sampling in surveillance zone (n=39 farms).

Results of testing of establishments in restricted zones so far
all negative.

Measurements in accordance to 2020/687/EU applied;
including raising public awareness to necessity of biosecurity.

ASF: BW domestic pigs: timeline

30/05/2022

additional epidemiological investigations,
support from NRL expert team

- NRL (FLI):

Preliminary gen sequencing: No similarities to virus subtypes found in MV, BB or SN!

**Epidemiological investigation: still ongoing;
supposed infection cause: contaminated food?**

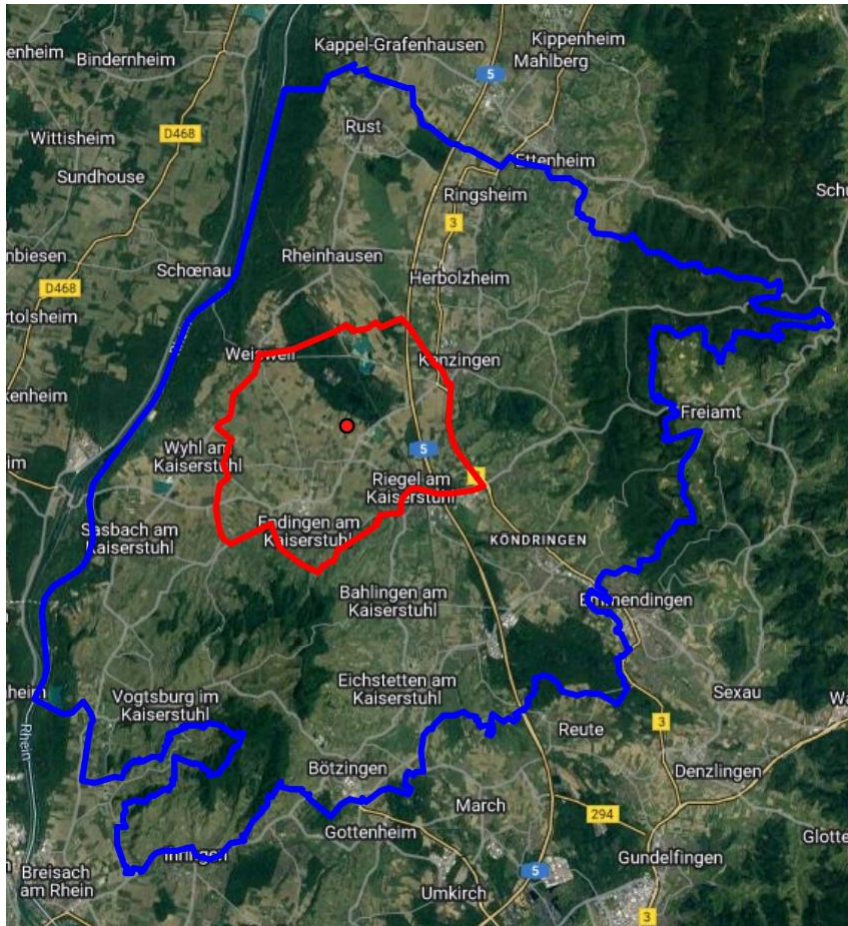
01/06/2022

beginning of finally cleaning, disinfection and disinfestation
(completion: cw 23)

Additional information:

- Communication with France early on (Oberrheinkonferenz/BMEL)
- Slaughterhouse in surveillance zone: only slaughtering animals from outside the restricted zones and mainly regional marketing

ASF: BW domestic pigs



Protection Zone	Total	Empty
Establishments	3	1
Protection Zone	Total	Culled
Animals	255	19
Surveillance Zone	Total	Empty
Establishments	58	30
Surveillance Zone	Total	Culled
Animals	406	0
Contact Holdings*	Total	Empty
Establishments	1	0
Contact Holdings	Total	Culled
Animals	300	0

*outside restricted zone

Holdings Total	Empty	Animals Total	Culled
62	29	961	19

ASF: BW domestic pigs

Protection Zone	Total	Empty	
Establishments	3	1	All establishments were controlled and sampled → No ASFV detected

Surveillance Zone	Total	Empty	
Establishments	58	30	25 from 28 establishments were controlled 1 was sampled → No ASFV detected

Contact Holdings*	Total	Empty	
Establishments	1	0	Establishment was controlled and sampled → No ASFV detected

Surveillance Zone:

- Publication of measures and Sign posting
- Information distribution (hunters, government, vets, public)
- Feed distribution company: Feed was destroyed completely

ASF – BW: Measures

General stand-still in RZ II (especially for core area and white zone):

- no hunting
- ban to access the land
- ban to agricultural use

BUT: there are deviations depending on the construction of the permanent fence for individual areas (case-by-case assessment)

- Regular – sometimes daily – carcass searches (drones, human chain search, dog teams)
- WB: Active monitoring (shot healthy animals) in districts e.g. Ludwigslust-Parchim, Vorpommern-Greifswald, Mecklenburger Seenplatte
- Decree on financial support for those authorized to hunt in RZ II
- Programme to purchase domestic pigs in backyard holdings

ASF: BW domestic pigs: Measures in wild boar

Searches done with dog teams and drones

28-29/05/2022; 500 ha Forrest area (dog teams); 1000 ha other areas (drones)

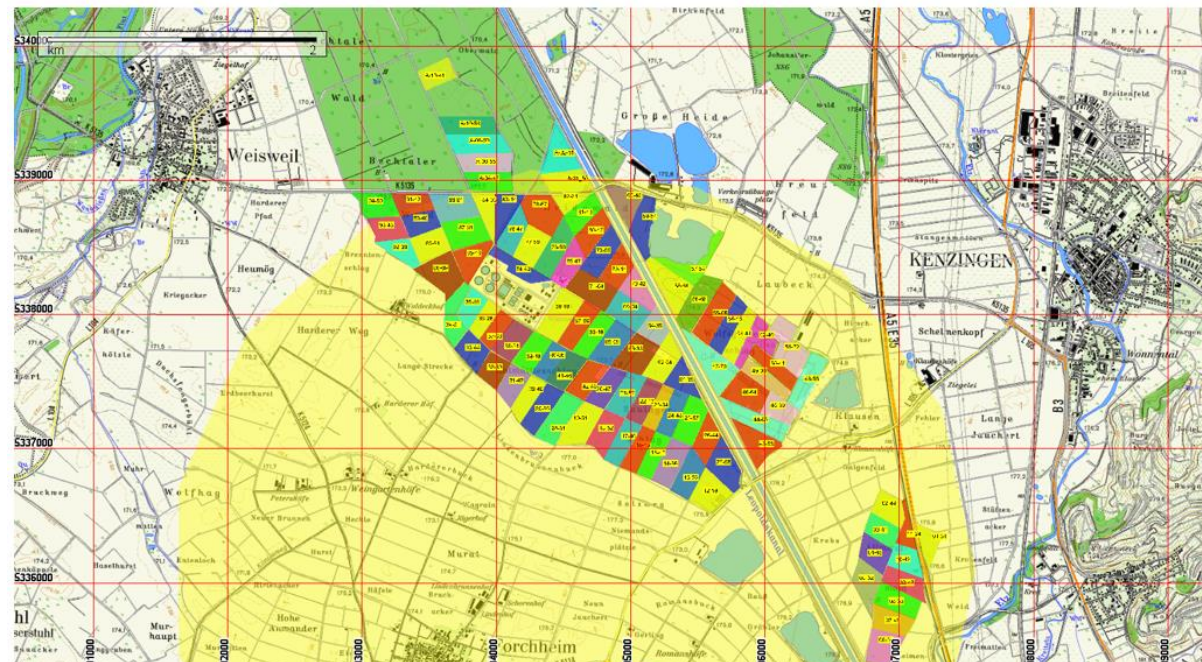
Plans: intensive search again in protection zine and defined areas in

Surveillance zone: 2-5/06/2022

and probably 11-12/06/2022 (dog teams);

No carcasses have been found

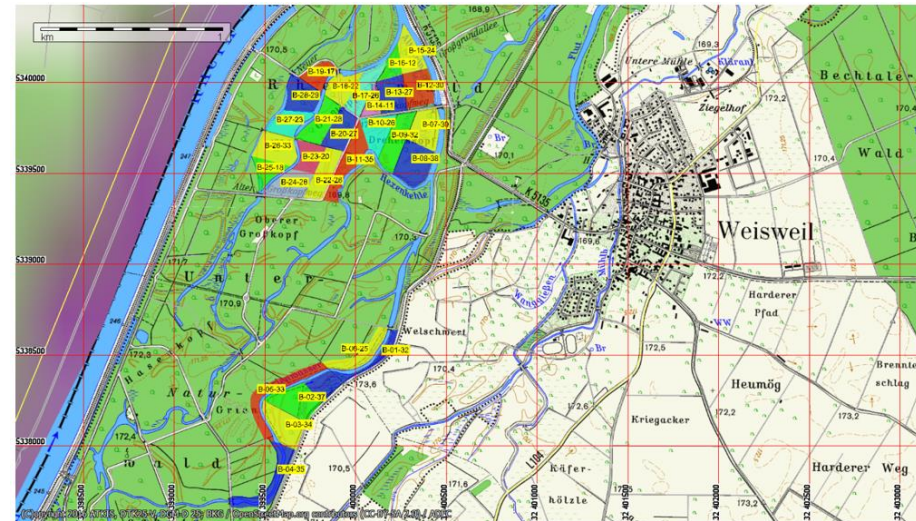
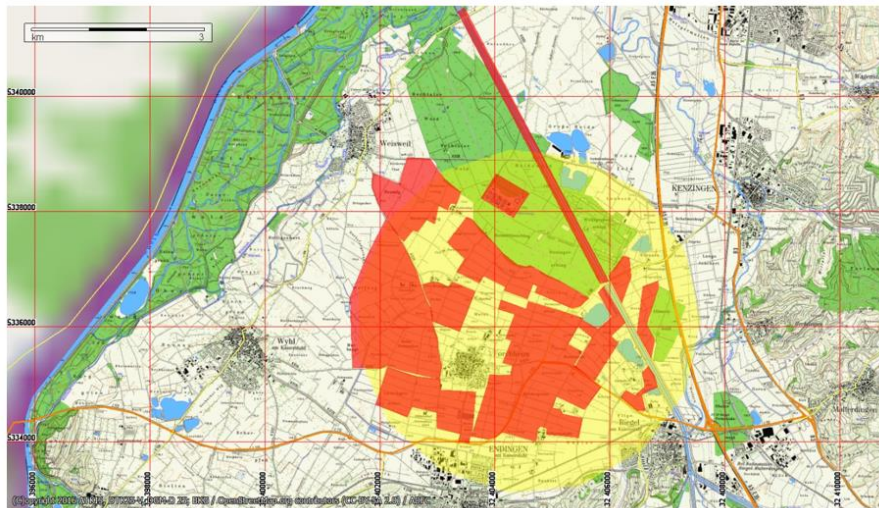
Yellow: 3 km radius, PZ: different colours show different cluster



ASF: BW domestic pigs: Measures in wild boar

Carcass search with drones;
Red: finished
Yellow: Field/grass land: controlled by staff
(Radius: 3 km)

Carcass search with dog teams close to the river Rhine: started on the 30/05/2022; still in progress

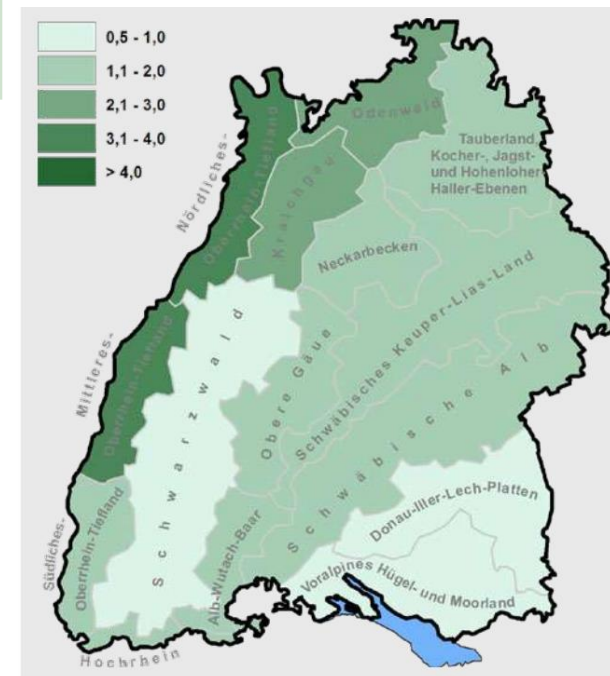


ASF: BW domestic pigs: Monitoring in wild boar

Hunting bag (number of animals)

Area	Hunting year (01/04-31/03/)	Hunting bag
Baden-Württemberg	2020 / 2021	49.450
Emmendingen	2020 / 2021	851
Emmendingen	2021 / 2022	1120 *

* preliminary figures on the 03/06/2022



ASF: BW domestic pigs: Monitoring in wild boar

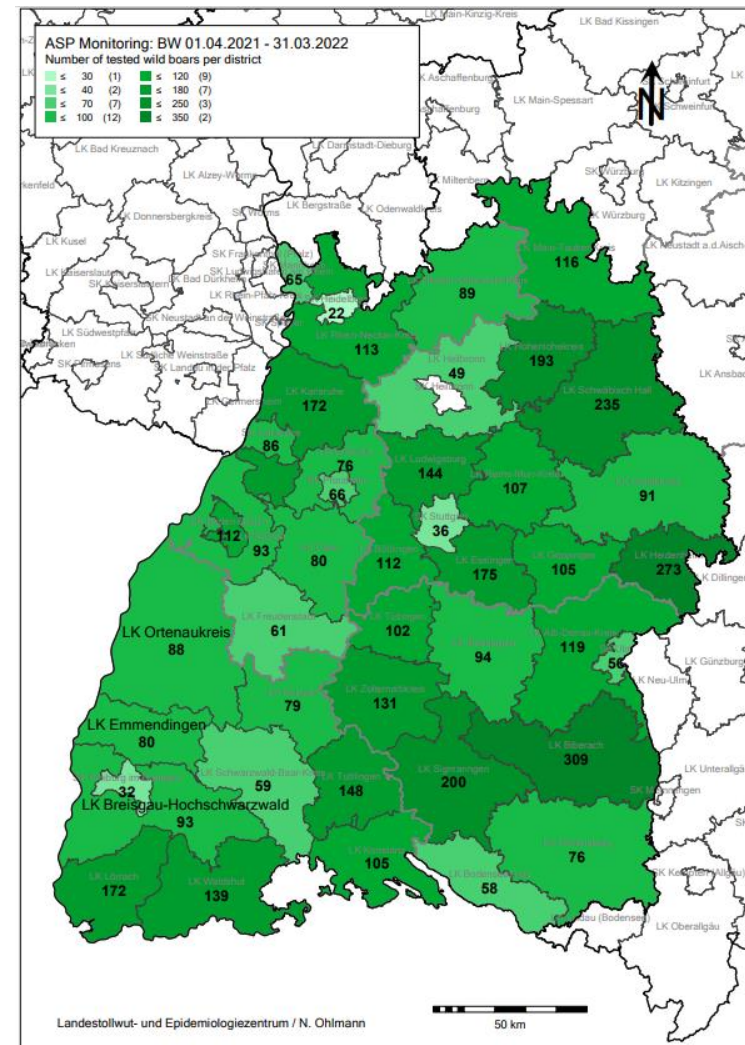
CSF/ASF data base (01/04/2021 – 31/03/2022)

district	total	negative	positive	n. t.
Emmendingen	80	80	0	0
Ortenau	88	88	0	0
Breisgau-Hochschwarzwald	93	93	0	0
Baden-Württemberg total	4958	4929	0	29

n. t. = not testable

Examination of wild boars since establishment of the restriction zones

- active monitoring (EM): **7** wild boars (all negative)
- passive monitoring (EM): no cadaver found so far (03/06/2022)



ASF: BW domestic pigs: short summary

- ❖ Wild boar carcasses: ASF negative
- ❖ Contact establishment: ASF negative

- ❖ Epidemiological investigation still ongoing:
contaminated food?

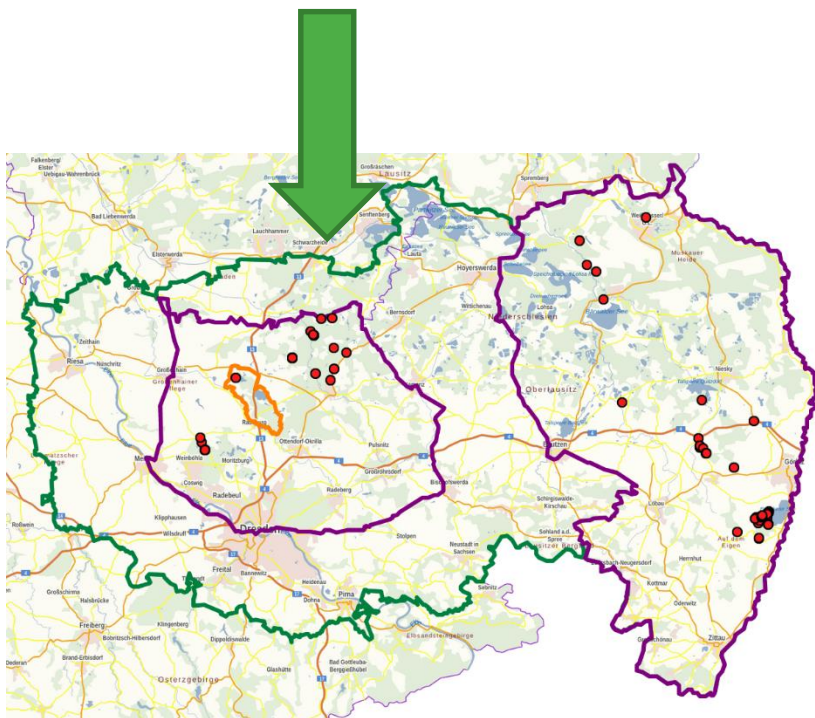
- ❖ Preliminary gen sequencing: No similarities to virus
subtypes found in MV, BB or SN!



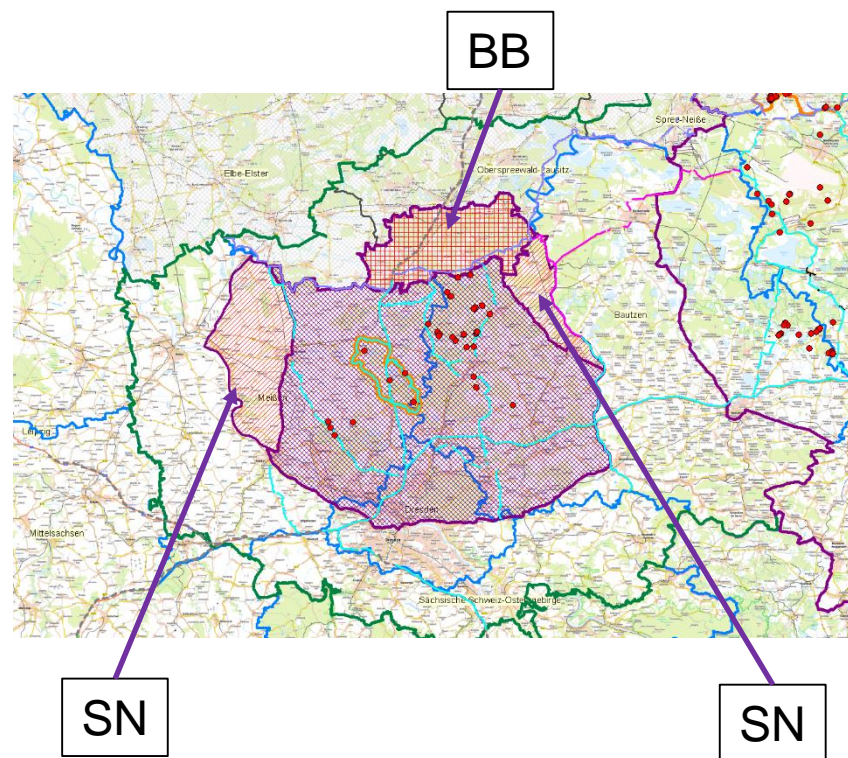
ASF – Saxony (SN)

Enlargement due to new cases

Outdated restricted zone I and II



Planned enlargement to restricted zone II

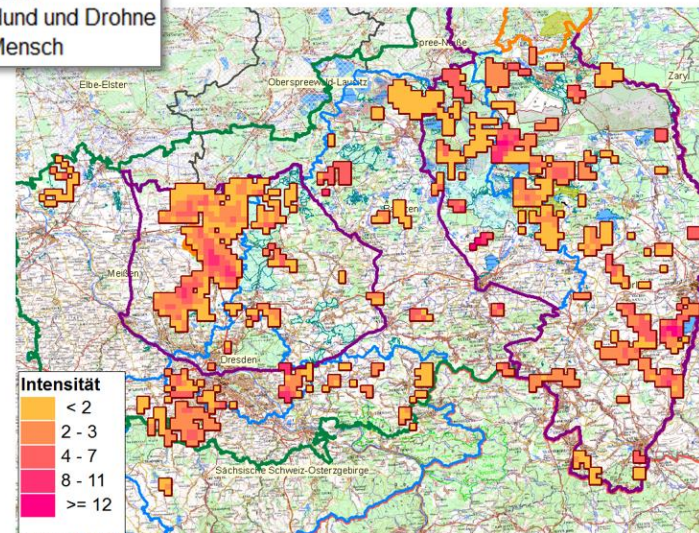
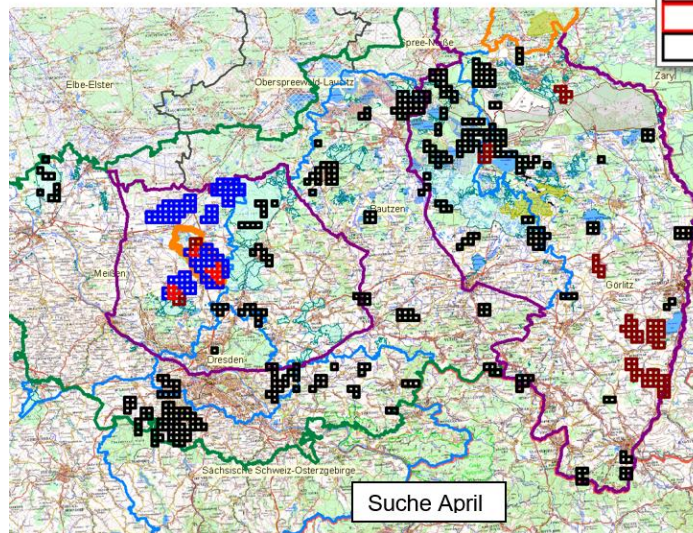
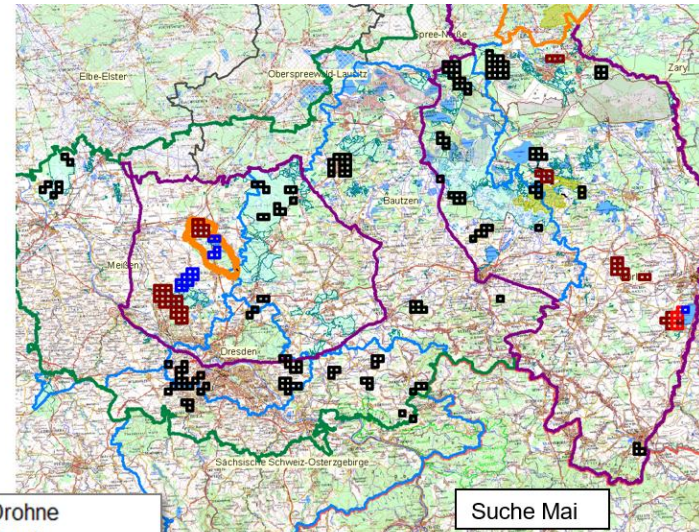
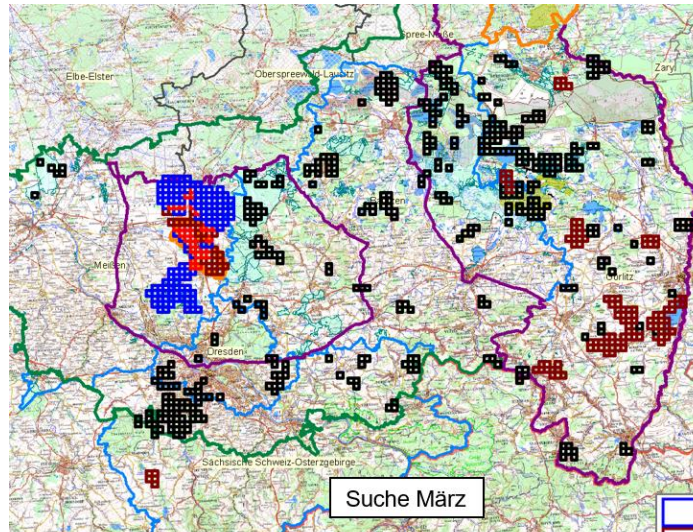


ASF – SN: Measures

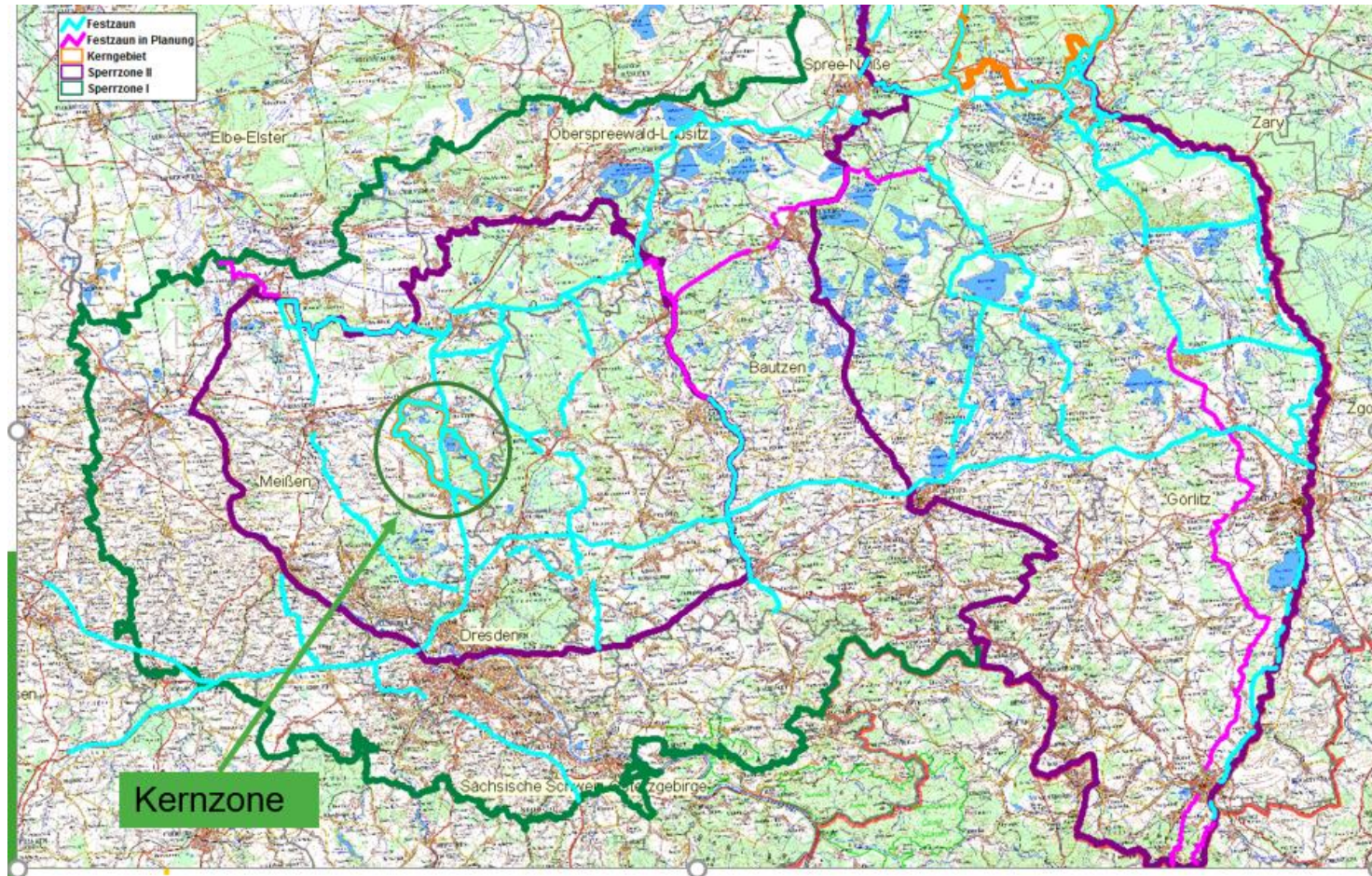
- In accordance with the legal requirements
- Carcass searching
- Fence building
- Biosecurity measures
- Monitoring (additional sampling of carcasses, shot healthy wb and wb killed by accident outside RZs)
- Extensive Public campaign (poster, postcards, tweeds, posts, mini-clip in public transportation)
- Extensive technical campaign (articles, training etc of farmers and hunters)
- Information website daily updated
- Information material for tourists, workers etc.



ASF – SN: carcass searching



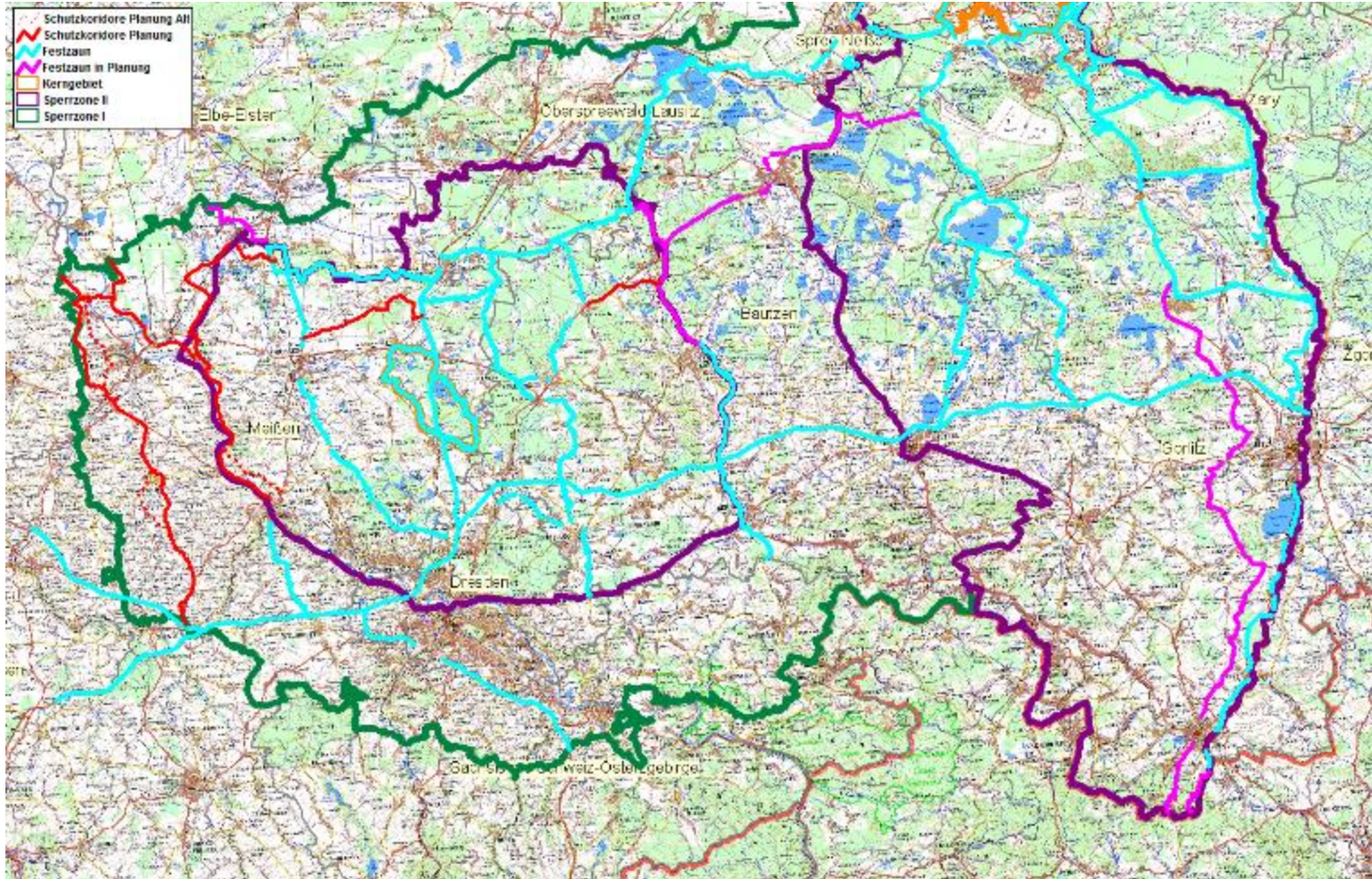
ASF – SN: Fences I



573 km permanent fence built
290 km additional permanent fence planned

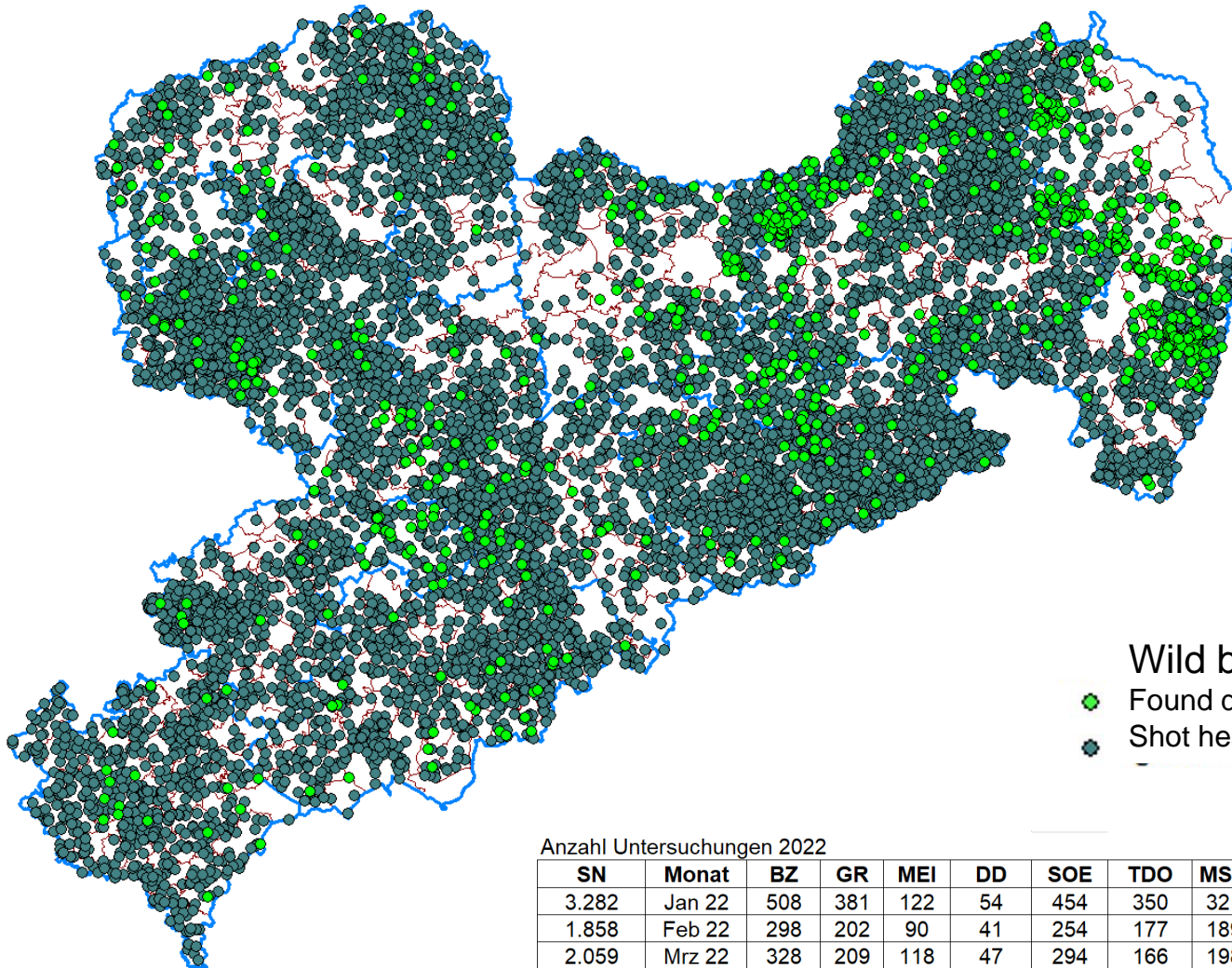
ASF – SN: Fences II

Future plans



ASF – SN: Monitoring

CSF/ASF-Database 01/01 – 23/05/2022



Wild boar monitoring Saxony

- Found dead, shot sick, killed by accident
- Shot healthy

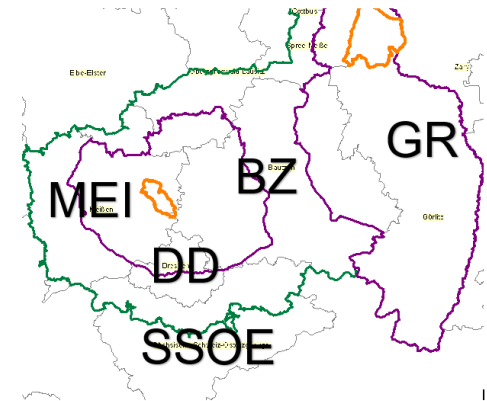
Anzahl Untersuchungen 2022

SN	Monat	BZ	GR	MEI	DD	SOE	TDO	MSN	Z	LL	LS	V	C	Erz
3.282	Jan 22	508	381	122	54	454	350	321	165	446	6	183	28	264
1.858	Feb 22	298	202	90	41	254	177	189	86	197	34	114	22	154
2.059	Mrz 22	328	209	118	47	294	166	198	79	260	16	153	27	164
2.235	Apr 22	404	208	98	39	387	199	214	99	217	13	136	16	205
1.130	Mai 22	232	89	61	22	167	89	104	50	122	3	71	5	115
10.564	Summe	1.770	1.089	489	203	1.556	981	1.026	479	1.242	72	657	98	902

ASF – SN: Monitoring

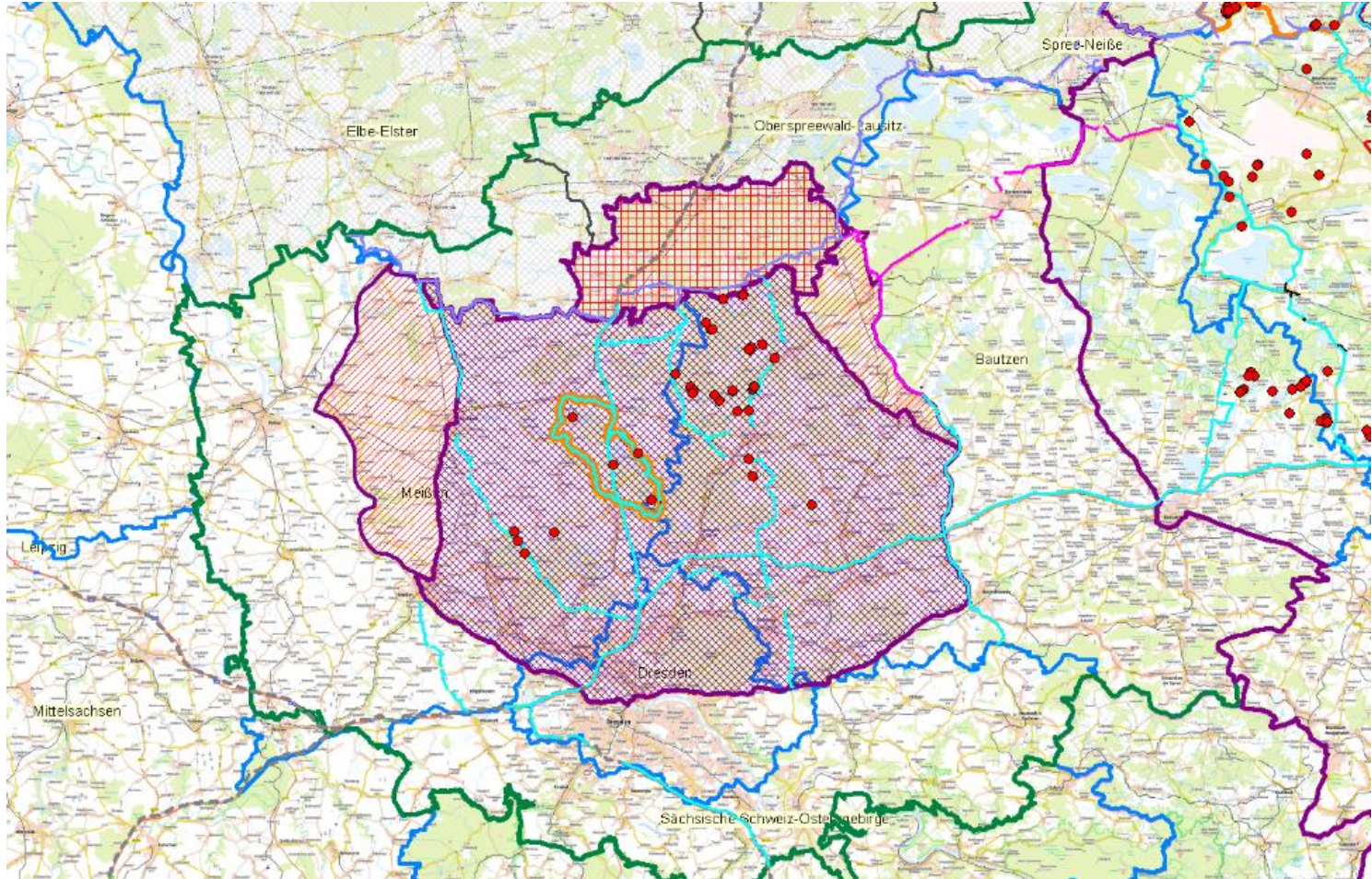
Monitoring CSF/ASF-Database

01/01/ - 23/05/2022



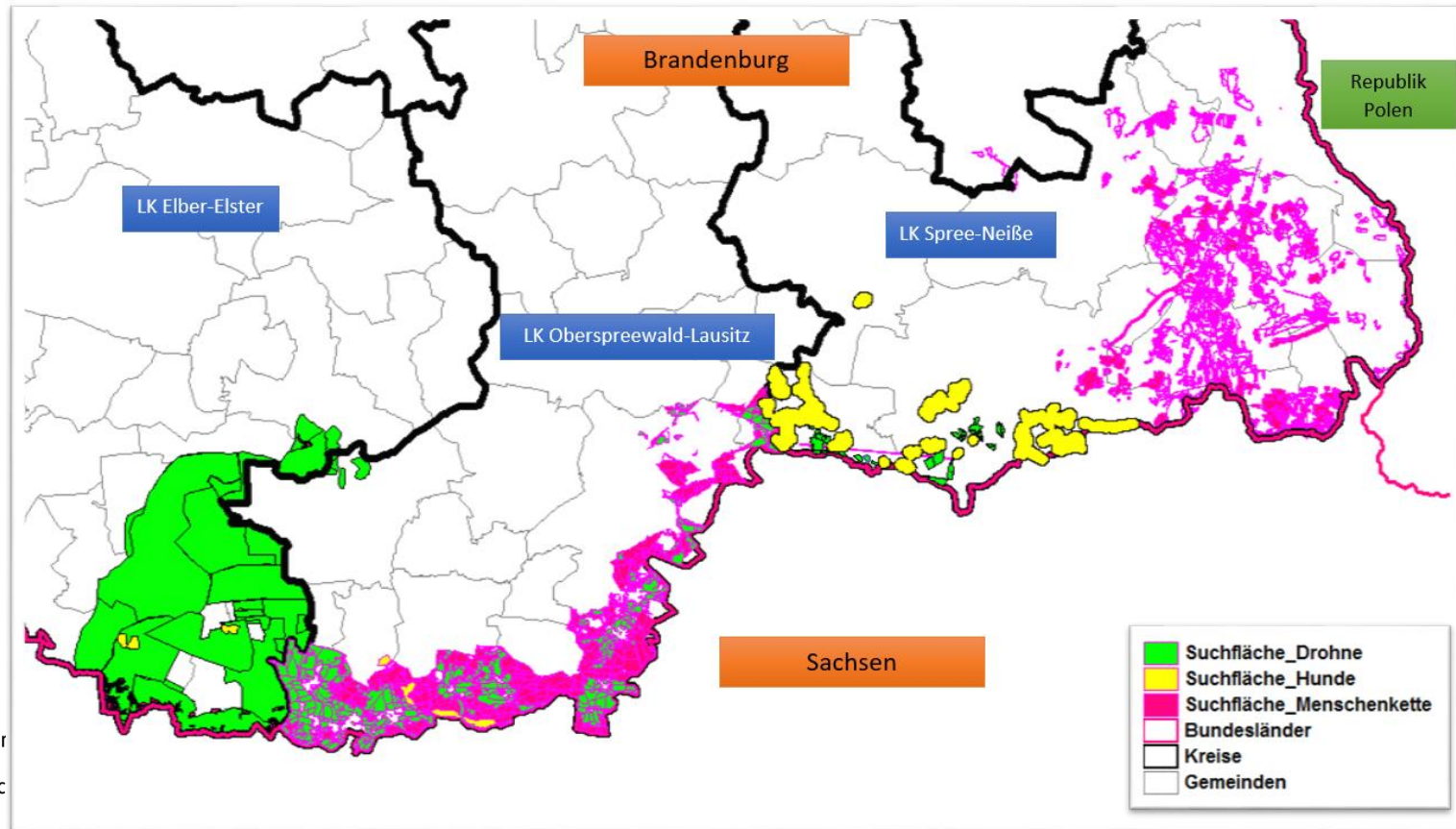
Kreis	passives Monitoring		Todfund		krank erlegt		Unfall		aktives Monitoring	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
Bautzen	35	117	9	2	53	1	1.538	15		
Görlitz	64	286	1	3	17	0	673	45		
Meißen	9	18	4	0	14	0	433	11		
Dresden	5	0	1	0	18	0	179	0		
SSOE	19	0	11	0	22	0	1.504	0		
Erzgebirgskreis	8	0	3	0	19	0	871	0		
Mittelsachsen	15	0	2	0	33	0	976	0		
Vogtlandkreis	3	0	2	0	13	0	639	0		
Zwickau	4	0	2	0	3	0	470	0		
LK Leipzig	5	0	3	0	27	0	1.203	0		
Nordsachsen	18	0	2	0	13	0	948	0		
Chemnitz	4	0	0	0	19	0	75	0		
Leipzig Stadt	1	0	2	0	4	0	64	0		
Sachsen	190	421	42	5	255	1	9.573	71		

ASF – BB: Restricted Zones



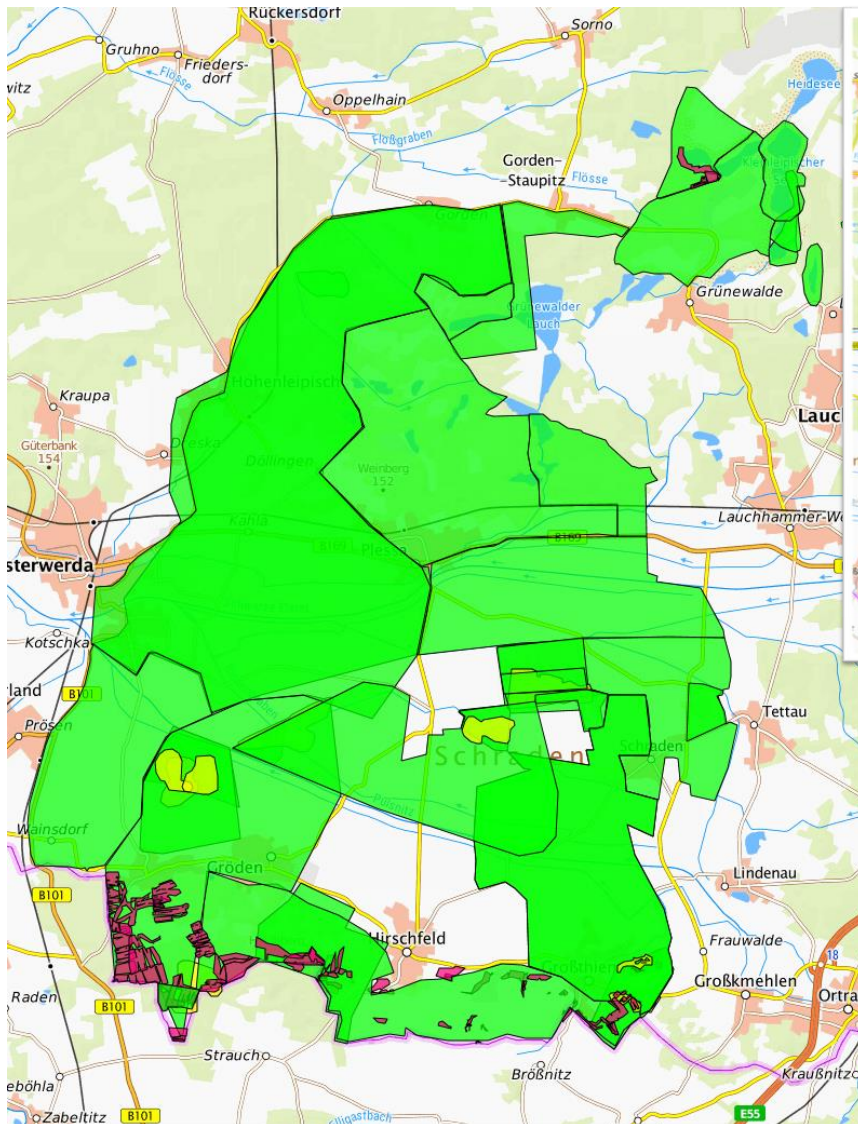
ASF – BB: Measures

Continuous carcass searching in RZ and on the border to Saxony
But those areas are already searched at least once.

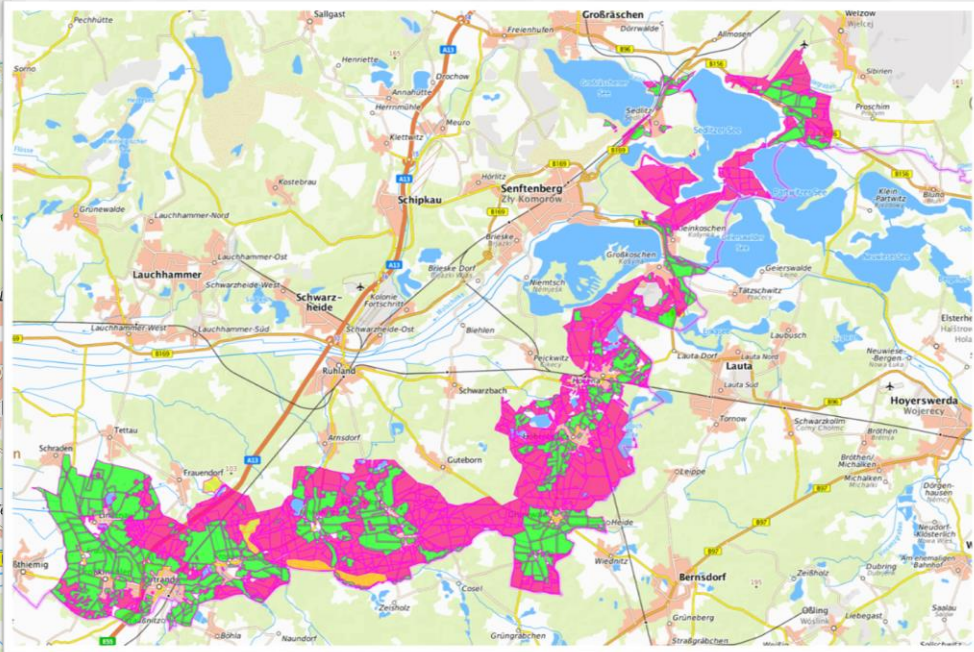


ASF – BB: Measures

Elbe-Elster:

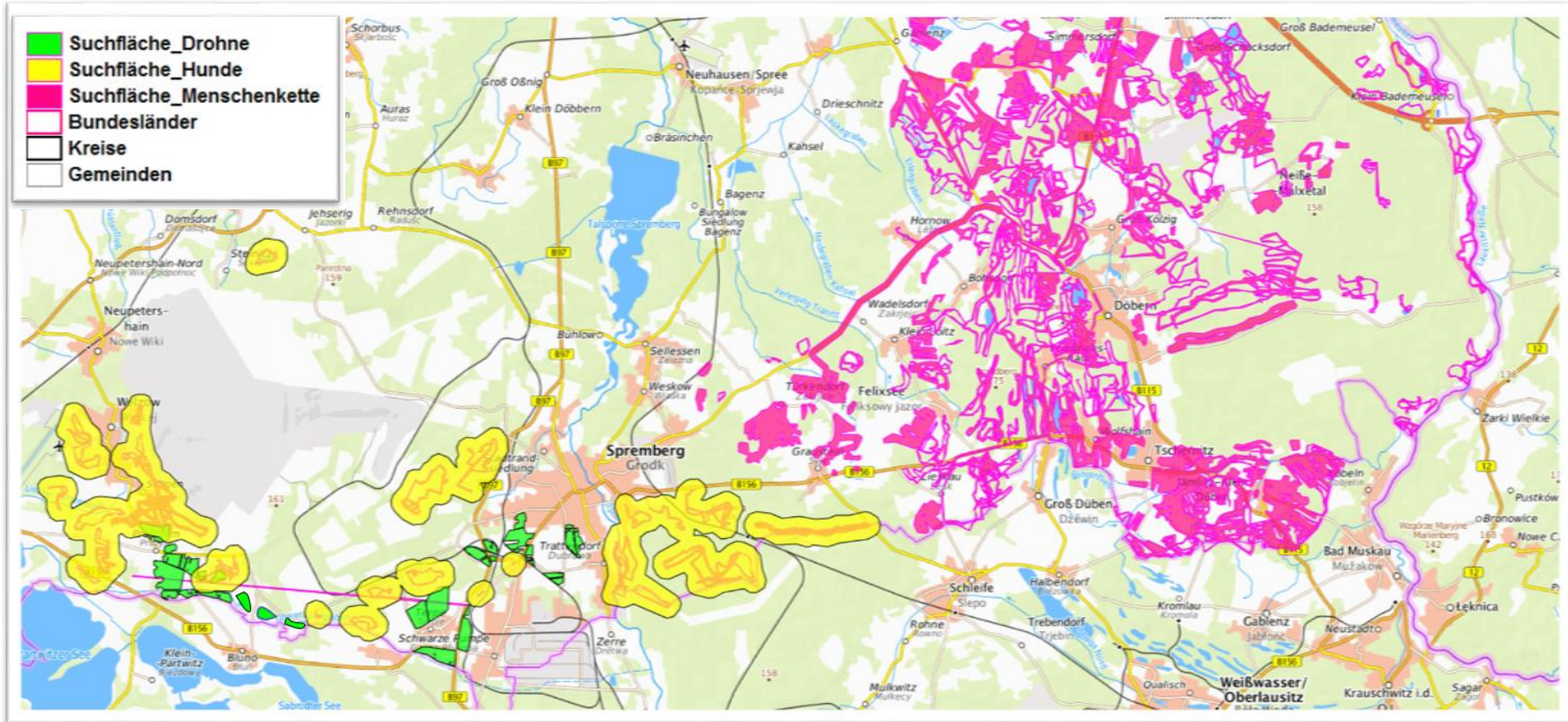


Oberspreewald-Lausitz



ASF – BB: Measures

Spree-Neiße



ASF – BB: Fences

In addition to the fences built along the border to Poland, the core areas, the white zones etc. :

Finished permanent 116 km fence along the border to Saxony
Planned: additional westwards building



ASF – BB: Measures wild boar

Additional measure

Belt of traps close to the Saxon border

→ Less pressure on the Saxon-Brandenburg border fence



Foto: Gleich



Foto: Gleich

ASF – BB: Measures domestic pigs

Outside of RZs in the affected districts Spree Neisse, Oberspreewald-Lausitz, Elbe Elster:

- Veterinary authorities control of pig holdings in 2021: 62 controls in SPN, 50 controls in OSL, 36 controls in EE)
- Programm for control and prevention of ASF to detect ASF at the earliest possible moment

RZ I und II:

- Dead or clinical signs: samples are to be taken
- No outdoor holdings/free range holding
- No transport (unless Veterinary authorities authorise it after a risk assessment)

ASF – BB: Monitoring domestic pigs

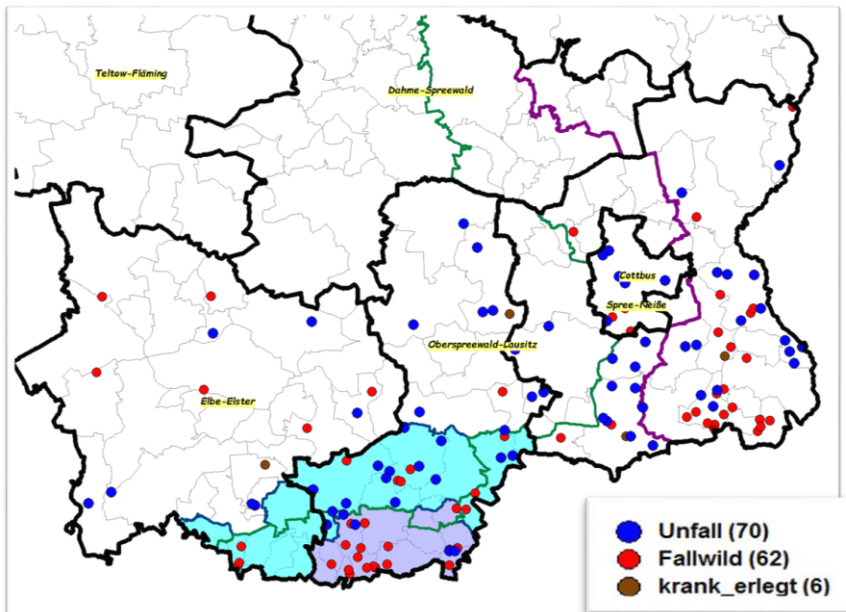
Sampling of domestic pigs in affected districts

District	Samples taken 01/01/- 07/06/2022
Elbe-Elster	697
Oberspreewald-Lausitz	236
Spree-Neiße	1403
Gesamt	<u>2336</u>

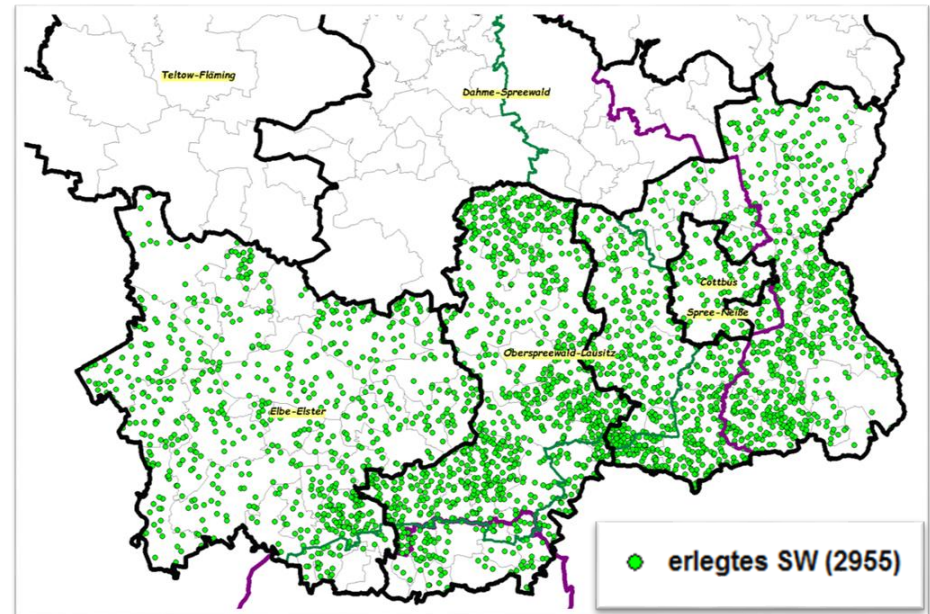
ASF – BB: Monitoring wild boar

01.01. – 03.06.2022:

Sampling indicator animals wild boar (carcass, shot sick, accident)



Sampling of all shot healthy wild boar



Thank you for your attention!

Contact:

Federal Ministry of Food and Agriculture

Directorate 3

Division 323 – Animal Diseases - EU-Trade, International Affairs, Crises Centre

323@bmel.bund.de

Desk Officer:
Gunda Lubek
323@bmel.bund.de
www.bmel.de

<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Was sollten Jagdreisende in ASP-Risikogebiete in Osteuropa beachten?</p>  <p>Alle Gegenstände, die mit Wildschweinen in Kontakt gekommen sein können, gründlich reinigen und desinfizieren.</p> <p>bmel.de</p>	<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Was können Jäger tun?</p>  <p>Verstärkte Bejagung ist eine Reduktionsmaßnahme gegen die Ausbreitung der Seuche.</p> <p>bmel.de</p>	<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Was sollten Jagdreisende in ASP-Risikogebiete in Osteuropa beachten?</p>  <p>Keine Einfuhr von Teilen und Erzeugnissen von Schwarzwild.</p> <p>bmel.de</p>
<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Für Menschen und Haustiere ist ASP nicht gefährlich</p>  <p>Keine Ansteckung über Kontakt mit Schweinen oder durch Verzehr von Schweinefleisch</p> <p>bmel.de</p>	<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Was können Jäger tun?</p>  <p>Auf Fallwild achten Proben nehmen und Veterinäramt kontaktieren</p> <p>bmel.de</p>	<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Worauf Landwirte achten sollen</p>  <p>Kontakt von Haus- zu Wildschweinen vermeiden Keine Speise-/Küchenabfälle verfüttern Schädlinge bekämpfen</p> <p>bmel.de</p>
<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Wildschweine vor ASP schützen</p>  <p>Fleisch und Lebensmittelreste in verschließbaren Tonnen entsorgen</p> <p>bmel.de</p>	<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Fleisch und Fleischerzeugnisse aus Nicht-EU-Ländern dürfen nicht mitgebracht werden.</p>  <p>bmel.de</p>	<p>Ausbreitung der Afrikanischen Schweinepest in Deutschland verhindern</p> <p>Worauf Landwirte achten sollen</p>  <p>Reinigung und Desinfektion Desinfektionsmatten Zugangsbeschränkung Schutzkleidung</p> <p>bmel.de</p>

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