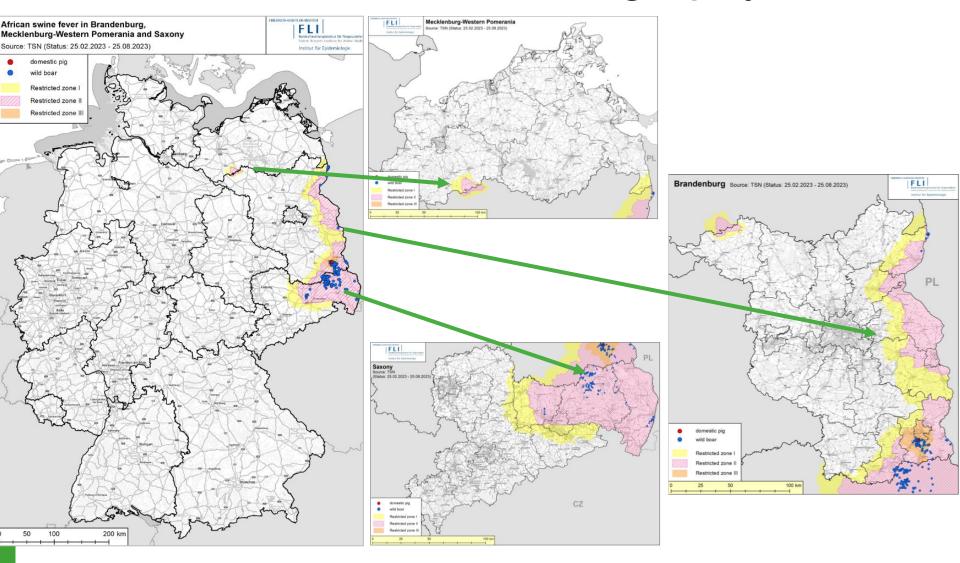


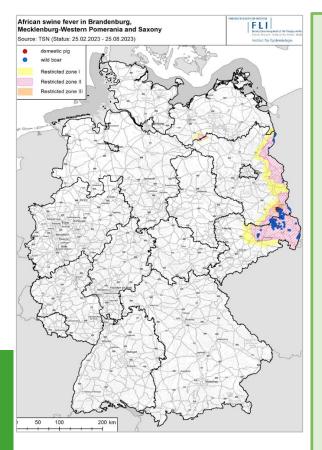
#### Chief Veterinary Officers Meeting on African Swine Fever in the Western Balkan Countries

31 August 2023

# ASF – Overview: Geography



#### ASF - Overview: Wild Boar



	BB wb	BB dp	SN wb	SN dp	MV wb	MV dp	BW wb	BW dp	NI wb	NI dp	Total
10/09/20- 29/08/23 Start disease until today	3.222	5	2.263	0	47	1	0	1	0	1	5.540
28/02/23- 29/08/23 Last six months	221	1	252	0	0	0	0	0	0	0	474
29/07/23- 29/08/23 Last month	30	0	17	0	0	0	0	0	0	0	47



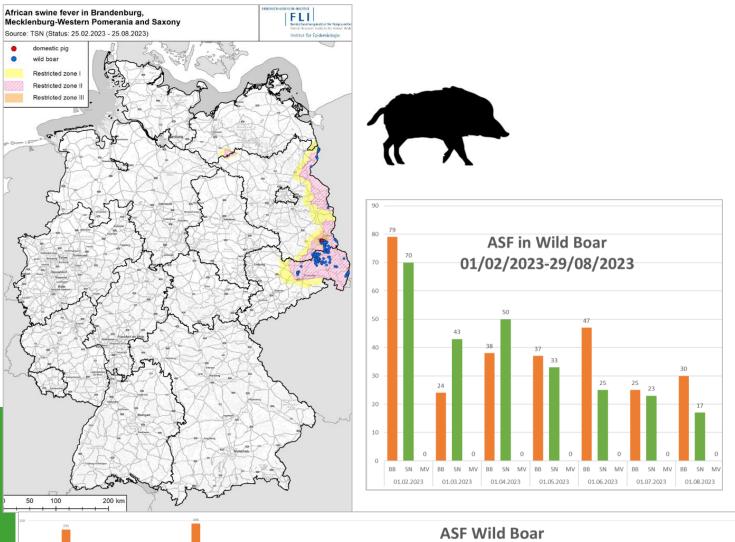
BB: Brandenburg SN: Saxony

MV: Mecklenburg-Western Pomerania

BW: Baden-Wurttemberg NI: Lower Saxony

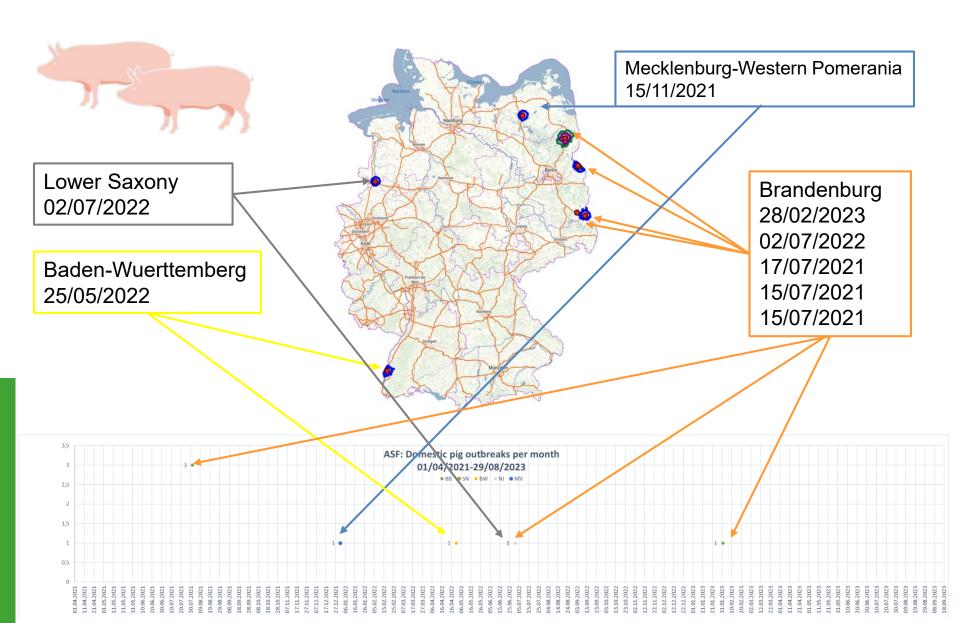
wb: wild boar dp: domestic pigs Date: 29/08/2023; Time 15:58

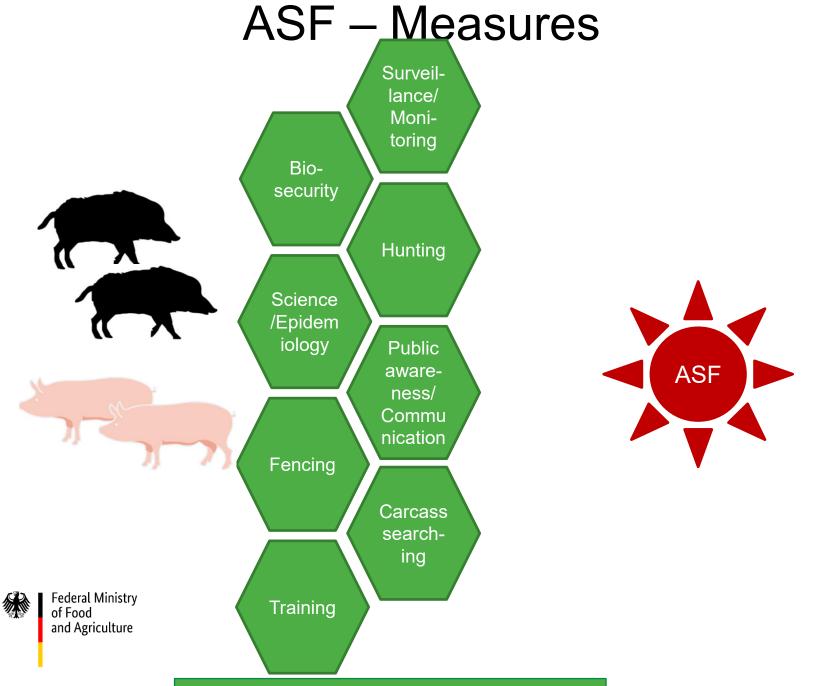
#### ASF - Overview: Wild boar





### ASF - Overview: Domestic pig

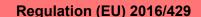




**Legal Framework / Preparation / Databases** 

# Legal Framework Preparation Databases

#### ASF – Legal Framework and Guidelines



**Delegated Regulation (EU) 2020/687** 

Implementing Regulation (EU) 2021/605

Implementing Regulation (EU) 2023/594

Delegated Regulation (EU) 2019/2035,

Implementing Regulation (EU) 2021/520)

Working Document SANTE/7112/2015/Rev. 3

Working Document SANTE/7113/Rev. 12

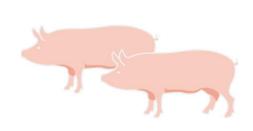
**Schweinepest-Verordnung (National Regulation)** 

Schweinehaltungshygieneverordnung (National Regulation)

**Schweinepest-Monitoring-Verordnung (National Regulation)** 

**Viehverkehrsverordnung (National Regulation)** 







#### ASF – Preparations and databases

- Information campaigns ... we started in 2014...
- Databases already in place... i.e. HIT data base on animal identification and registration



- Klare Zuordnung VVVO O 0-4 Wo. 0-6 kg Nummer Ferkelaufzuchtbetrieb 000000 Übernahme der Tiere wird elektronisch an HIT-Datenbank ○ 4-11 Wo. 6 − 30kg Mastbetrieb - Übernahme der Tiere wird elektronisch an HIT Datenhank 00000 übermittelt Schlagstempel mit eindeutiger Datenbasis 11 - 60 Wo. Angabe zu Landwirt, Gemeinde und Kreis Schlachthof Identifikationsnummer - Information des Schlagstempels wird mit fortlaufender Schlachtnummer MM Sortierung im Kühlhaus Partiebildung
- Inter alia keepers of sheep, goats, pigs and cattle
- Changes in stocks, particularly movements between holdings
- Livestock Trade and Transport Ordinance
- Reporting requirements in line with the German Drug Act on the use of veterinary medicinal products, in particular antibiotics.

# **Epidemiology Surveillance Monitoring**

#### ASF – Epidemiology

#### General information:

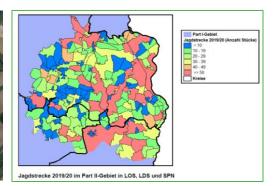
- distribution of pig holdings
- distribution of wild boar
- affected area (woodland, crop, waterways etc.)
- infrastructure (roads/highways/train lines/airports)
- Tourism (sights, walks, cities)
- temperature/season

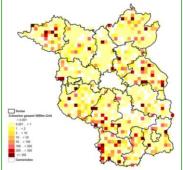
and many other relevant factors

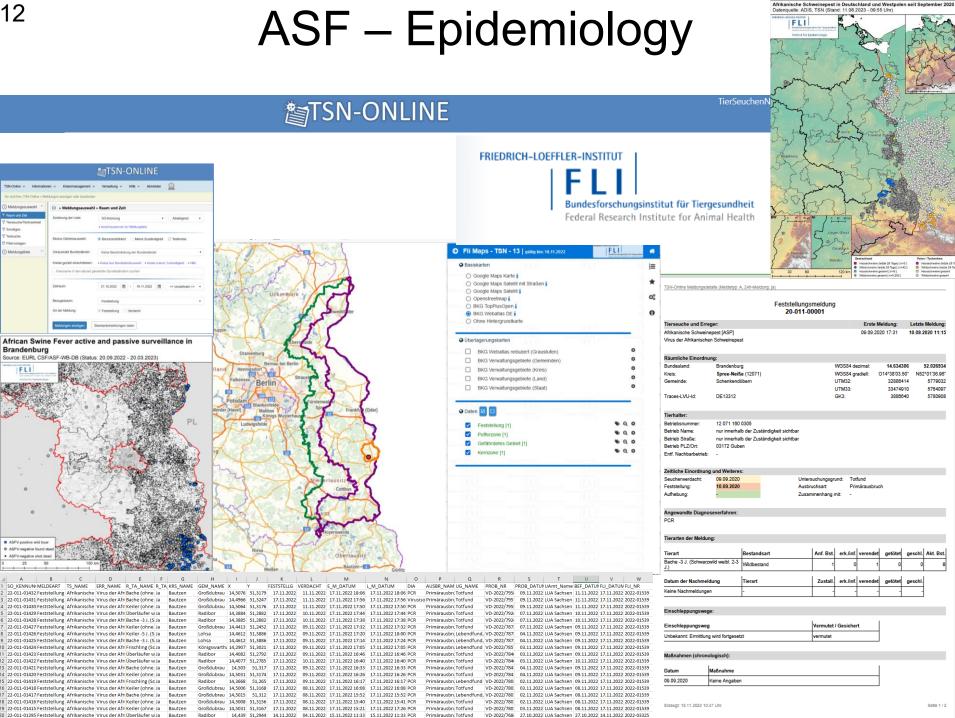


#### Information on the farm:

- traffic (animals, feed, bedding, veterinarian etc.)
- neighbouring establishments
- wild boar population
- Hunting (different types and participants)
- bisecurity measures
- tracing backward and forward
- and many other relevant factors





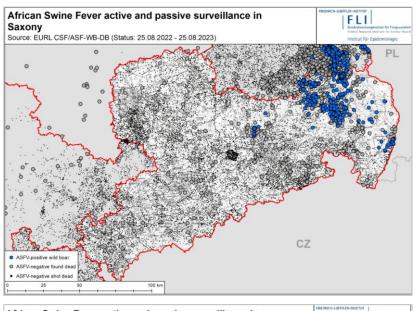


#### ASF - Monitoring/Surveillance



#### CSF / ASF WILD BOAR SURVEILLANCE DATABASE

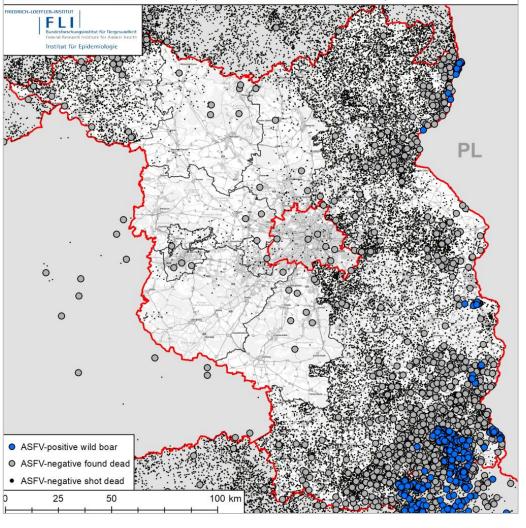




# African Swine Fever active and passive surveillance in Mecklenburg-Western Pomerania Source: EURL CSF/ASF-WB-DB (Status: 25.08.2022 - 25.08.2023) African Swine Fever active and passive surveillance in Mecklenburg-Western Pomerania Source: EURL CSF/ASF-WB-DB (Status: 25.08.2022 - 25.08.2023) ASFV-negative shot dead on ASFV-negative shot lead on ASFV-negative shot lead

#### African Swine Fever active and passive surveillance in Brandenburg

Source: EURL CSF/ASF-WB-DB (Status: 25.08.2022 - 25.08.2023)



# **Hunting Carcass searching**







#### Methods:

- Trapping
- Single hunting
- Night hunting
- Driven hunting

#### Support:

- Helicopter equipped with thermal imaging camera
- Drone technique
- Night aiming technique

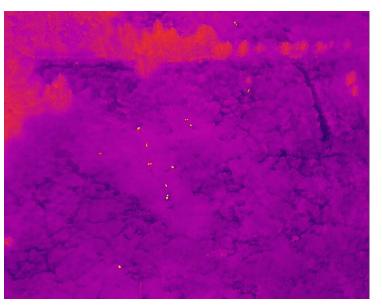


Mobile 4x4 control centres with antenna masts



#### Camera shots from 250 m altitude









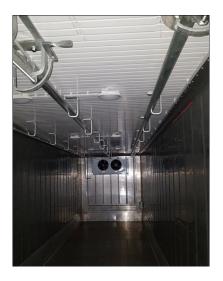


Disposal barrels for viscera, rinds and waste at a wild game collection centre

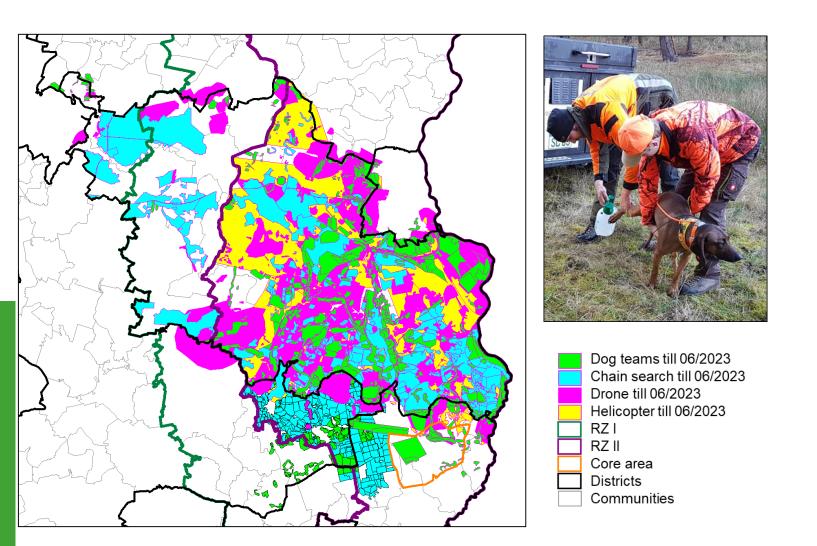




Container-based wild game collection centre



### ASF - Carcass Searching



#### ASF – Carcass Searching



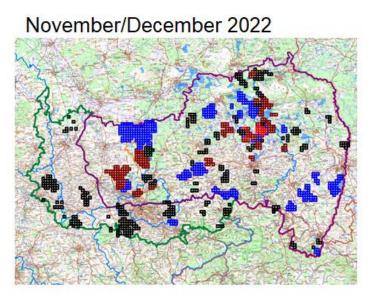
November/December 2022

January 2023

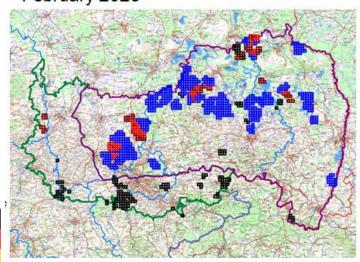
7	Month/ Year	Volunteers/ authorities		Dog Teams		Drones		TOTAL		
18		2022	2023	2022	2023	2022	2023	2022	2023	
3	01	912	420	223	182	503	374	1.638	976	
	02	1182	204	112	284	447	791	1.741	1.279	1
2,4	03	839	46	367	108	245	437	1.451	591	
/ 4	04	833		244		179		1.256		1/
	05	727		85		23		835		
Febru	06	755		156		482		1.393		ENPUR AUG
	07	807		75		428		1.310		Y
3	08	1.747		217		301		2.265		
A.	09	496		310		624		1.430		1
3	10	485		273		595		1.353		
<	11	356		341		458		1.155		
73	12	476		130		7		613		
	SUM	9.615	670	2.533		4.292	1.602	16.440	2.846	1/

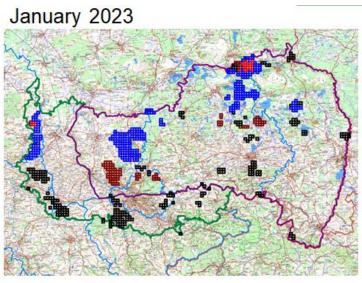


#### ASF - Carcass Searching

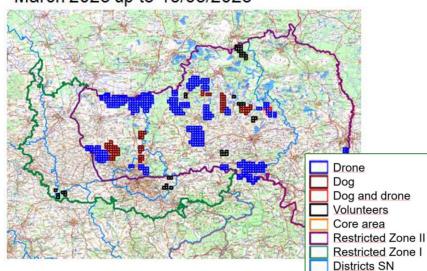


February 2023





March 2023 up to 15/03/2023





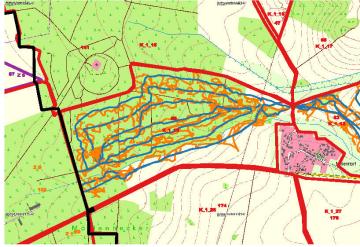
#### ASF – Carcass Searching with dogs

- area performance: 50-75 hectare/day/dog team
- usually two teams work together (2 dogs + 2 dog handlers), all teams are equipped with GPS
- i.e. Saxony: 70 dog teams bound by contract (one team from Austria)
- dog team operations are coordinated centrally according to priority
- dogs were trained and qualified in 30-day-courses









#### ASF – Carcass Searching

Biosecurity:

Recovery and Disposal

Equipment recovery team and disinfection on-site







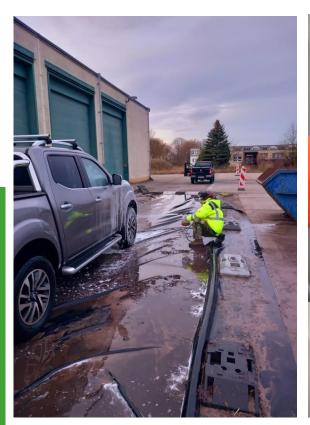


#### ASF – Carcass Searches

Biosecurity:

**Recovery and Disposal** 

Equipment recovery team and disinfection on-site







#### ASF – Carcass Searching with drones

area performance: 300-1000 hectare/day

→ significantly higher area performance than with dogs

 well suited for areas difficult to access (e.g. reed) / areas with a ban on entering / open areas

 additionally assessment of wild boar population - for the planning of hunts

4 drone companies bound by contract

5 teams per operation day available







# **Fences**

27

#### ASF - Fences





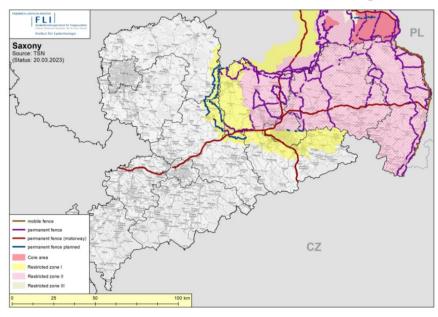


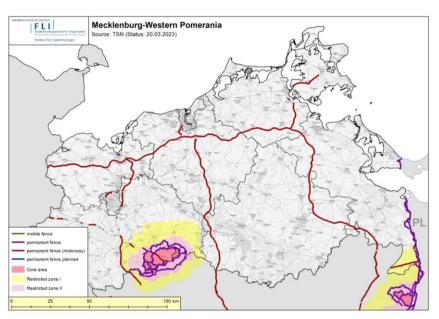


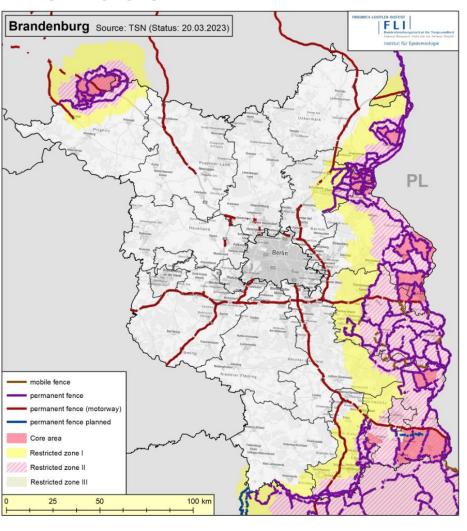




#### ASF – Fences





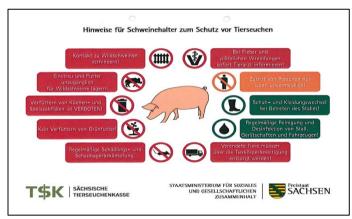


# **Public Information**

#### ASF – Information Campaigns

- www.bmel.de/asp
- https://tsis.fli.de/
- https://www.fli.de/de/aktuelles/tierseuchengeschehen/afrikanischeschweinepest/
- https://msgiv.brandenburg.de/msgiv/de/themen/verbraucherschutz/veterinaerwe sen/tierseuchen/afrikanische-schweinepest/
- https://www.sms.sachsen.de/afrikanische-schweinepest-asp.html









ASF – Information Campaigns



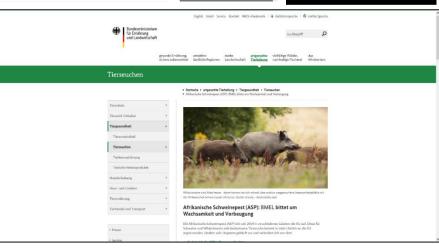












#### ASF – Information Campaigns





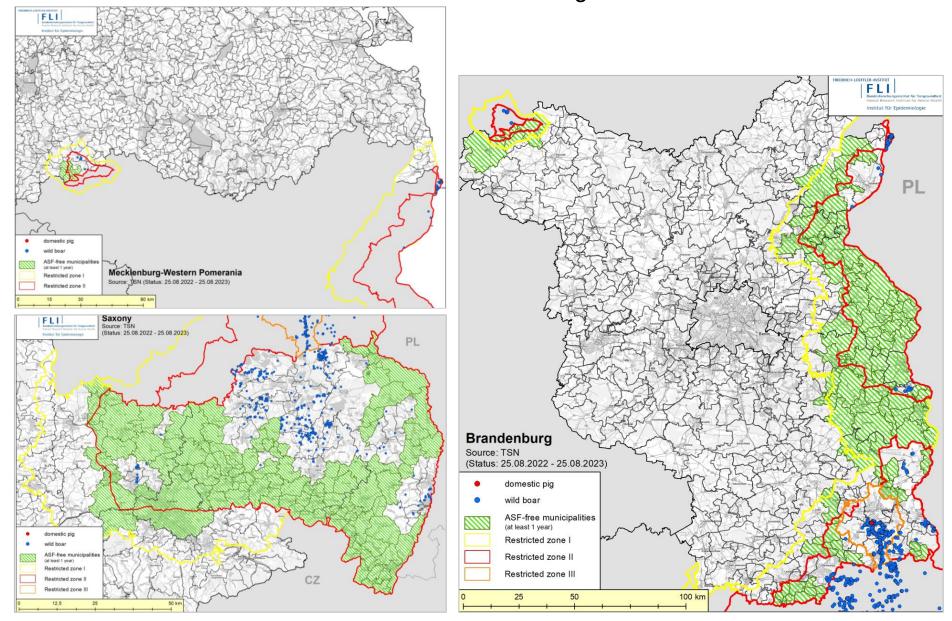


- ✓ Brochures in many languages: english, french, bulgarian, greek, ...
- ✓ Advertisments for travelers in newspapers/ travelling plans of "Deutsche Bahn"
- ✓ Distribution via German embassies

....Progress...

### ASF – Progress

Communities that are free of ASF or never had a single case in restricted zones II



#### 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



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