



# Update on ASF epidemiological situation at EU level

AHAC

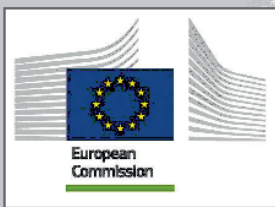
10 November 2023

*Unit G2 – Animal Health*

*Directorate G*

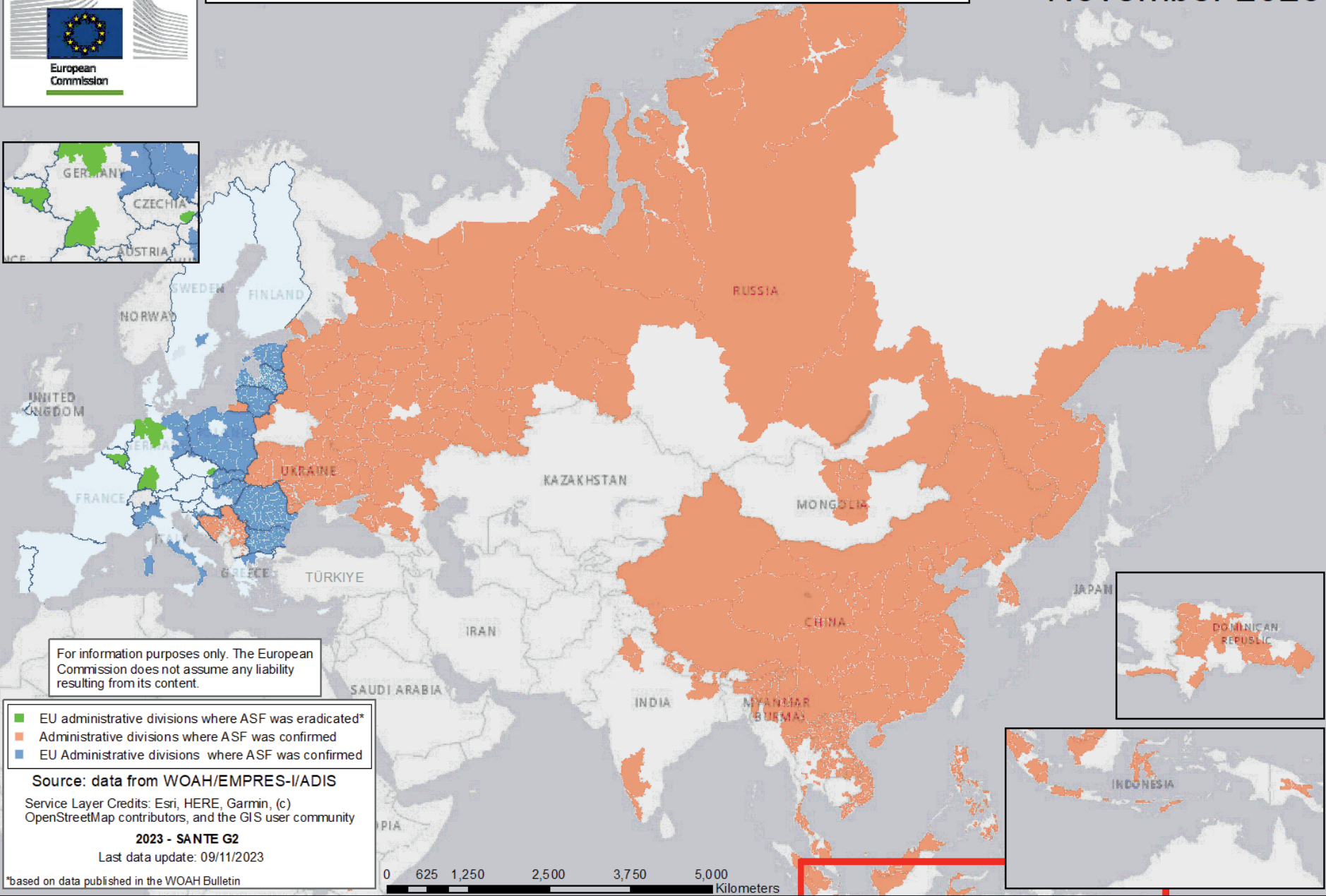
*Crisis preparedness in food, animals and plants*

*DG SANTE, European Commission*



# African swine fever by administrative divisions affected in 2013-2023 in Europe, Asia, Oceania and Americas

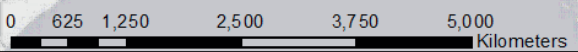
## November 2023



For information purposes only. The European Commission does not assume any liability resulting from its content.

- Green square: EU administrative divisions where ASF was eradicated\*
- Orange square: Administrative divisions where ASF was confirmed
- Blue square: EU Administrative divisions where ASF was confirmed

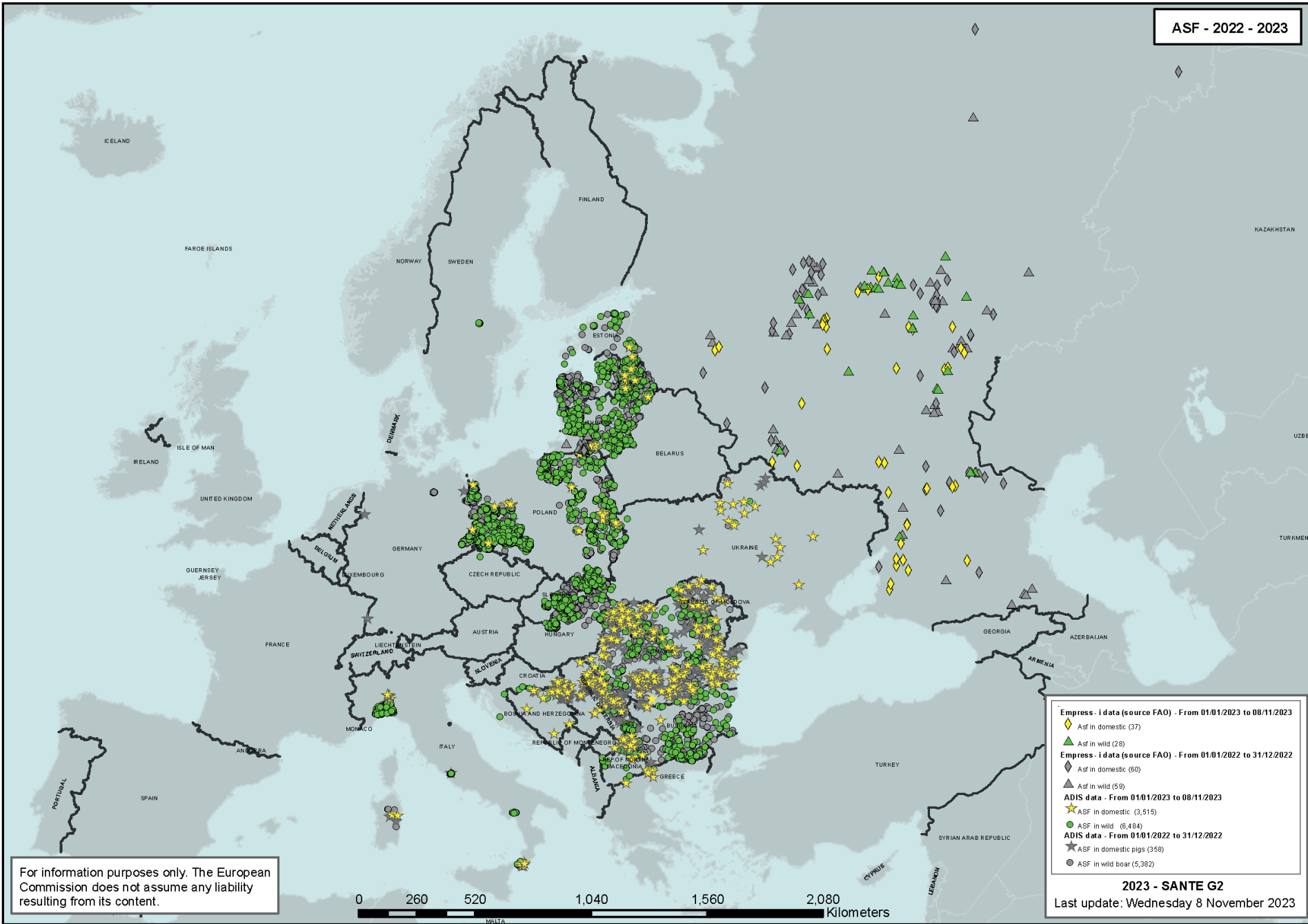
Source: data from WOAH/EMPRES-I/ADIS  
 Service Layer Credits: Esri, HERE, Garmin, (c)  
 OpenStreetMap contributors, and the GIS user community  
**2023 - SANTE G2**  
 Last data update: 09/11/2023  
 \*based on data published in the WOAH Bulletin



### ASF in Asia, the Pacific and the Americas

1. China (Aug 2018)
2. Mongolia (Jan 2019)
3. Vietnam (Feb 2019)
4. Cambodia (March 2019)
5. Hong Kong (May 2019)
6. Democratic People's Republic of Korea (May 2019)
7. Lao People's Democratic Republic (Jun 2019)
8. Myanmar (Aug 2019)
9. The Philippines (Jul 2019)
10. Republic of Korea (Sep 2019)
11. Timor-Leste (Sep 2019)
12. Indonesia (Nov 2019)
13. Papua New Guinea (Mar 2020)
14. India (May 2020)
15. Malaysia (Feb 2021)
16. Bhutan (May 2021)
17. Dominican Republic (July 2021).
18. Haiti (September 2021).
19. Thailand (January 2022).
20. Nepal (March 2022).
21. Singapore (February 2023).





For information purposes only. The European Commission does not assume any liability resulting from its content.

**Empress - i data (source FAO) - From 01/01/2023 to 08/11/2023**  
 ◆ Asf in domestic (37)  
 ▲ Asf in wild (28)

**Empress - i data (source FAO) - From 01/01/2022 to 31/12/2022**  
 ◆ Asf in domestic (60)  
 ▲ Asf in wild (59)

**ADIS data - From 01/01/2023 to 08/11/2023**  
 ★ ASF in domestic (3,515)  
 ● ASF in wild (6,484)

**ADIS data - From 01/01/2022 to 31/12/2022**  
 ★ ASF in domestic pigs (358)  
 ● ASF in wild boar (5,382)

2023 - SANTE G2  
Last update: Wednesday 8 November 2023

# ASF in the EU in 2014-2023

No	MS	1 <sup>st</sup> ASF detection	Wild boar	Domestic pigs	Remarks on the current ASF situation (up to 8/11/2023)
1.	LT	1/2014	+	+	mainly in wild boar; <b>3 outbreaks in pigs</b> in 2023
2.	PL	1/2014	+	+	mainly in wild boar; <b>30 outbreaks in pigs</b> in 2023
3.	LV	6/2014	+	+	mainly in wild boar; <b>8 outbreaks in pigs</b> in 2023
4.	EE	7/2015	+	+	mainly in wild boar; <b>2 outbreaks in pigs</b> in 2023
5.	CZ	6/2017	+		• ASF <b>eradicated in 2019</b> ; <b>new cases in wild boar</b> at the border with PL since 11/2022
6.	RO	7/2017	+	+	in wild boar; <b>706 outbreaks in pigs</b> in 2023
7.	HU	4/2018	+		in wild boar only
8.	BG	6/2018	+	+	mainly in wild boar; <b>3 outbreaks in pigs</b> in 2023
	BE	9/2018	+		free from ASF since 11/2020
9.	SK	7/2019	+	+	mainly in wild boar
10.	EL	2/2020	+	+	• one outbreak in pigs in 02/2020 (eradicated) • new cases in wild boar and <b>6 outbreaks in pigs</b> in 2023
11.	DE	9/2020	+	+*	mainly in wild boar; <b>1 outbreak in pigs in 2023</b>
12.	IT	1/2022	+	+	in wild boar; <b>17 outbreaks in pigs</b> in 2023 (Sardinia, Lombardy and Calabria Regions)
13.	HR	6/2023	+	+	in wild boar; <b>1109 outbreaks in pigs</b> in 2023
14.	SE	9/2023	+		In wild boar

ASF in the EU and WB in 2023 (up to 8/11/2023)



**ASF outbreaks in wild boar**  
**ASF outbreaks in domestic pigs**

# ASF in Croatia – domestic pigs – first occurrence

- First confirmation on 26 June (1109 outbreaks to date)
- Suspect of introduction since 1 May 2023
- At the border with Bosnia and Herzegovina
  - EUVET missions:
    - 11-13 July 2023
    - 14-16 November 2023
- EU regionalisation in place

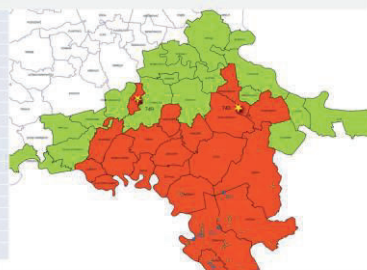
## Chronology

- First suspicion notified on June 23
- Two establishments with outdoor pig keeping system in village Posavski Podgajci, on the border with BiH
- Veterinarians took blood and spleen samples and veterinary inspector ordered preliminary control measures
- Confirmation on June 26
- ASF virus confirmed in all blood and spleen samples
- Culling and preliminary disinfection on June 26



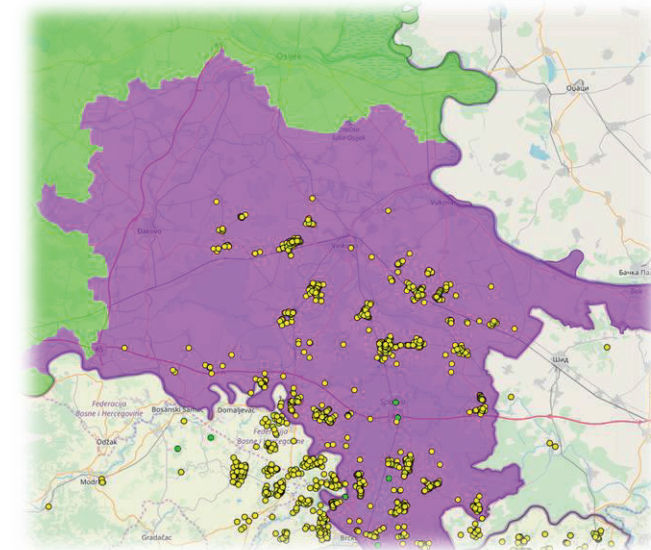
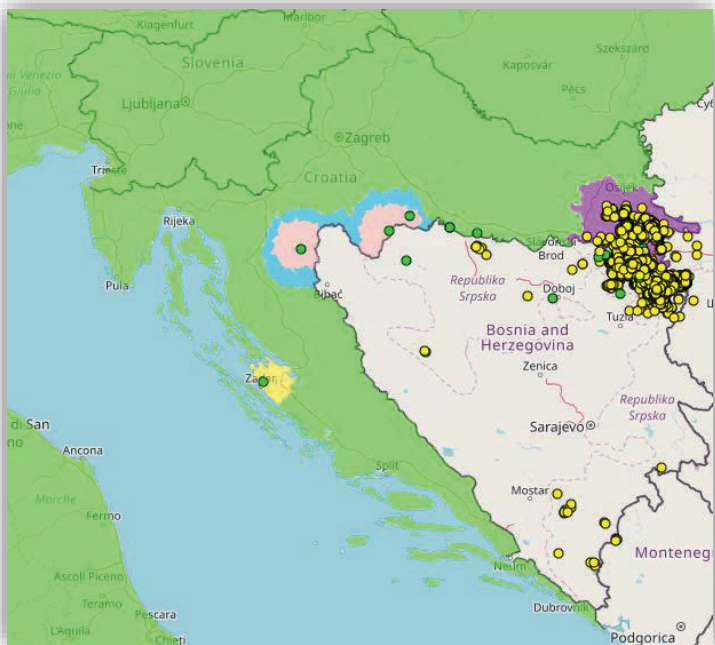
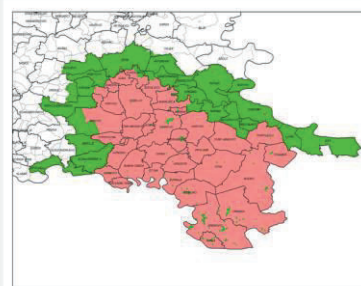
## 11 September 2023 → 750 positive establishments

County	Municipality	No positive establishments
Vukovarsko srijemska	Andrijaševci	9
	Babina Greda	5
	Bogdanovci	1
	Bolejaci	98
	Cerna	1
	Drenovci	201
	Gradšće	4
	Gurja	19
	Nijemci	45
	Orak	110
	Prilvaka	8
Brodsko posavska	Stari Jankovci	55
	Šitar	13
	Tompojevci	4
	Vodinci	1
	Vibanja	136
	Zupanja	37
	Gundinci	1
<b>Total</b>		<b>750</b>



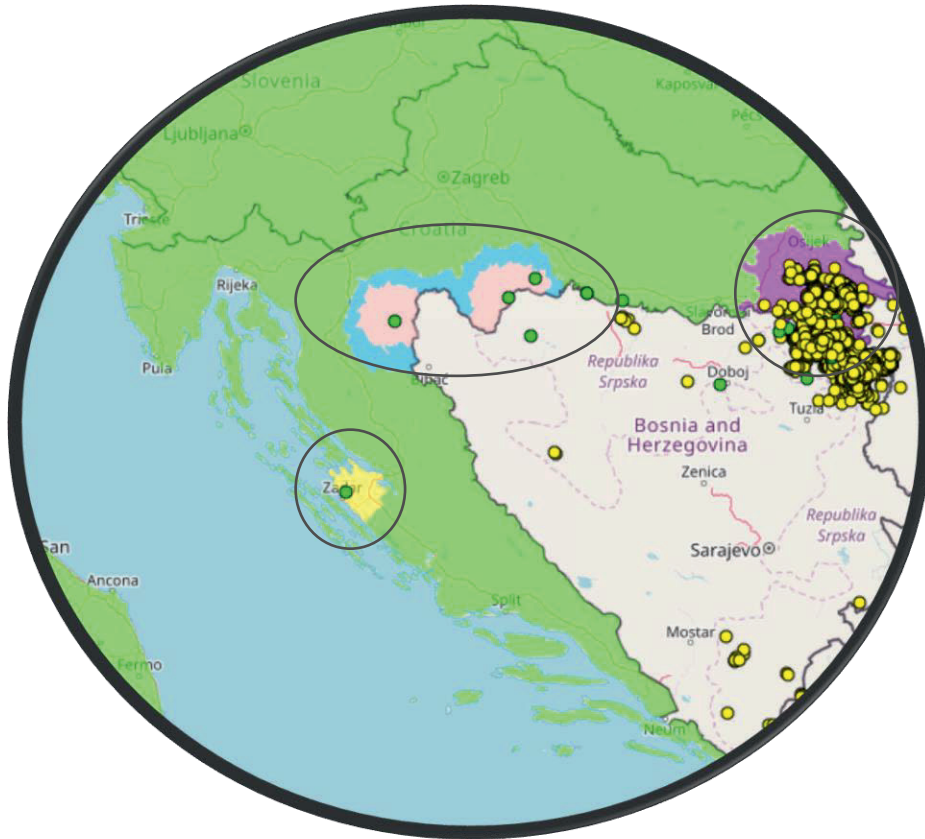
## 17 October 2023 → 1049 positive establishments

Županija	Općina/grad	Broj pozitivnih objekata (prepoznatljivih i domaćih svinjara)
Brodsko posavska	Šitar	2
	Šibenik	9
Opuzsko-sarajevska	Sarajevo	9
	Andrijaševci	44
	Babina Greda	7
	Bogdanovci	8
	Bolejaci	100
	Cerna	16
	Drenovci	188
	Gradšće	4
	Gurja	19
	Isperovci	49
Vukovarsko srijemska	Jarmina	9
	Kulber	75
	Orak	2
	Prilvaka	156
	Stari Jankovci	75
	Šitar	83
	Tompojevci	11
	Tovarnik	7
	Vodinci	2
	Vodinci	3
	Vibanja	127
Zupanja	42	
<b>UKUPNO</b>		<b>1049</b>



- on 12 October outbreaks in domestic pigs confirmed in Osijek-baranja County (NEW!!!)
- largest concentration of pig farms
- centre for the production of pig semen that supplies 85% of all pig producers in the Republic of Croatia
- largest fattening pig establishments
- problem related to the possibility of using meat from pigs from the zone
- the situation with the supply of Croatian markets with fresh meat has been significantly impaired

# ASF in Croatia – wild boar– first occurrence



**First confirmation on 5 July in Vukovarsko-Srijemska**

**9 outbreaks to date in four different counties:**

Vukovarsko-Srijemska - in the restricted area for domestic pigs;

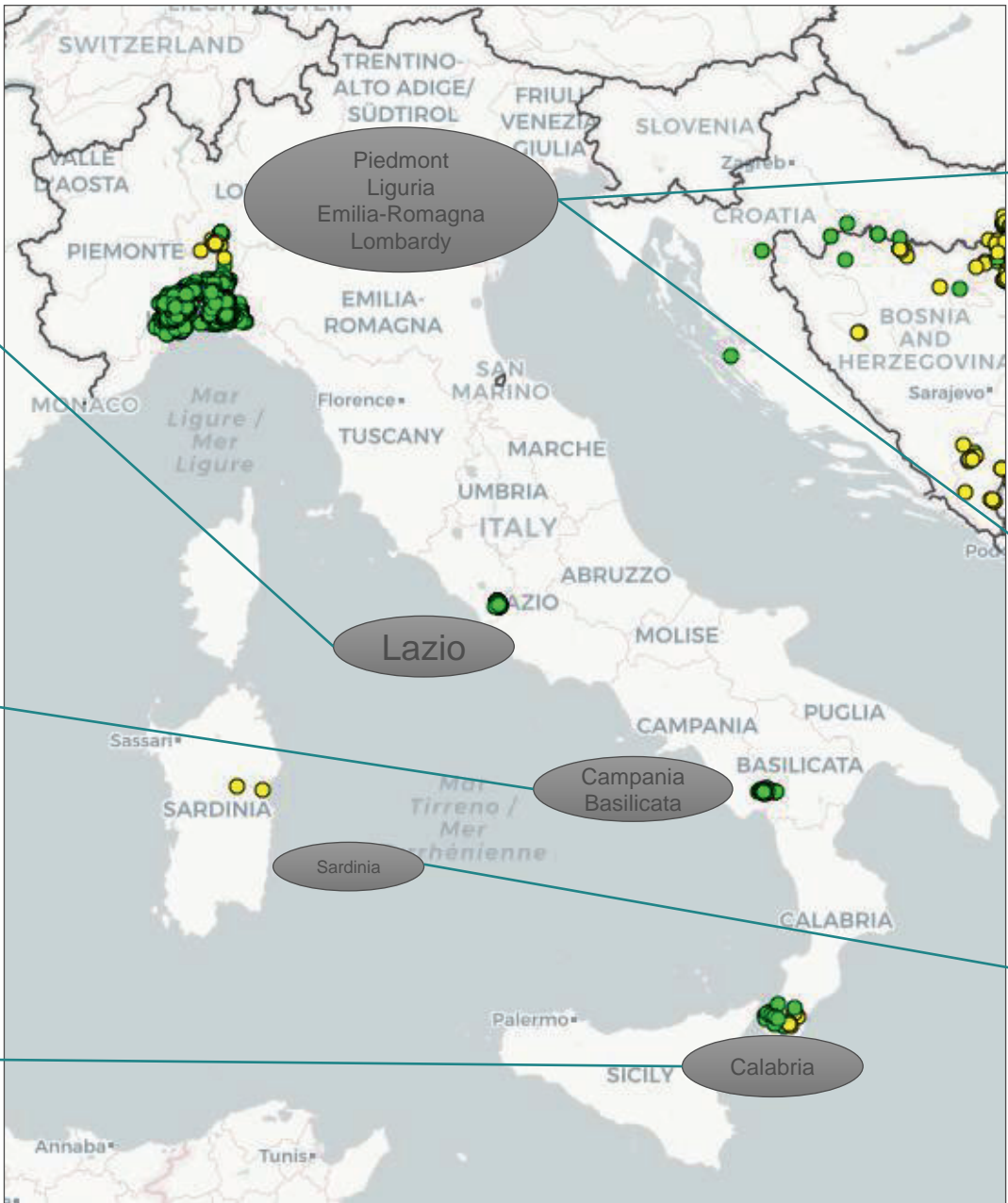
Karlovacka - **at the border with Bosnia and Herzegovina**

Sisacko-Moslavacka - **at the border with Bosnia and Herzegovina**

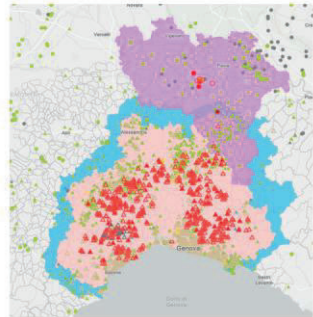
Zadarska – jump, wild boar hit by a car

**EU regionalisation in place**

# ASF in Italy – 1 January – 9 November 2023



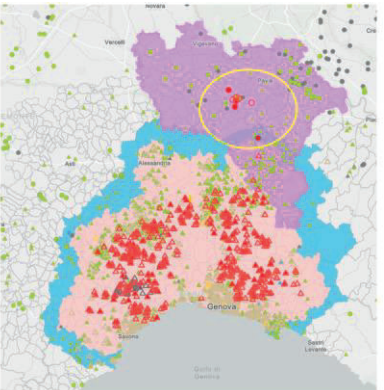
## Northern Italy



The epidemiological situation in Northern Italy is evolving with confirmation in kept animals in Lombardy

## Lombardy

- 8 outbreaks confirmed between the 18 August and the 7 September
- 3 wild boars positive



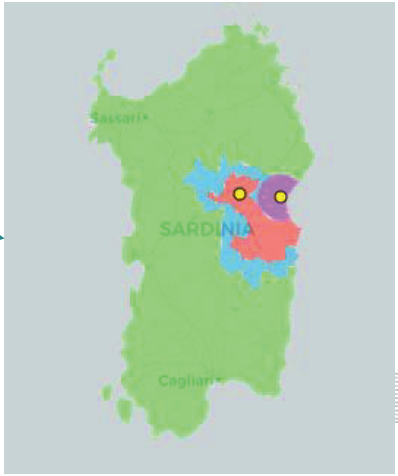
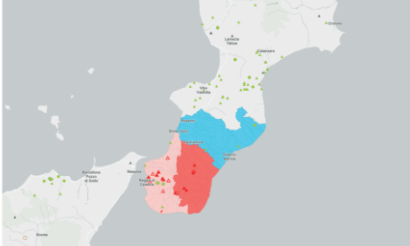
## Campania – Salerno Province



26 positive wild boars until 13/09 – Last positive was confirmed on 6 July  
 Amendment Annex I of Implementing Regulation 2023/594 – proposal of restriction zones I and II in Campania (Salerno Province) and Basilicata (Potenza Province)

## Calabria

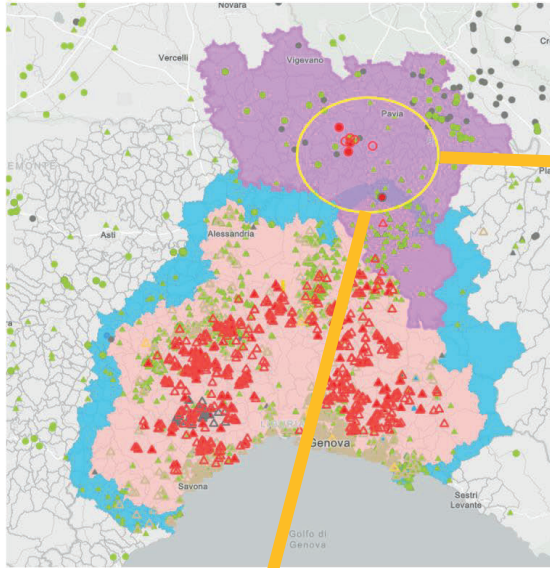
- 16 wild boars – last positive confirmed on 13 July
- 6 outbreaks, in backyard or small farms, confirmed between May and June



# Northern Italy – domestic pigs and wild boar

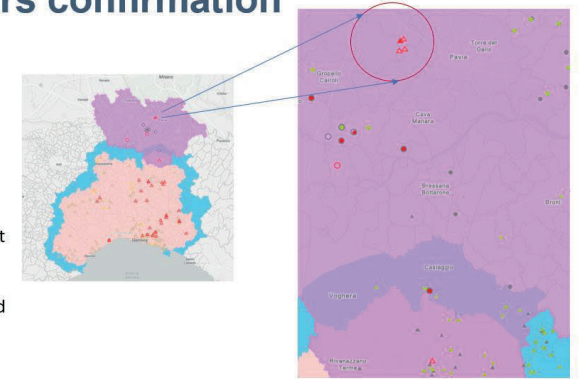
## Lombardy

- 8 outbreaks confirmed between the 18 August and the 7 September
- 3 wild boars positive

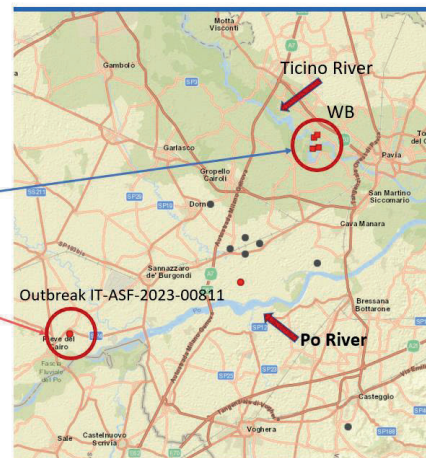
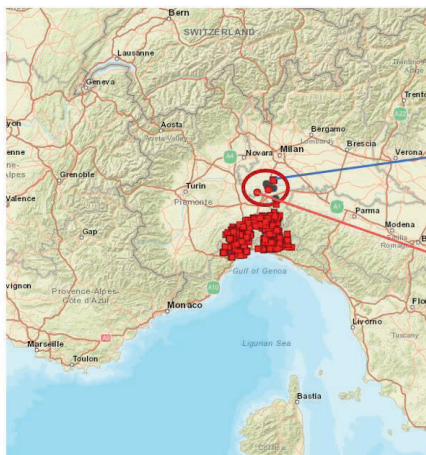


## Lombardy – wild boars confirmation

- 4 wild boars confirmed from 4 to 13 of October in Torre d'Isola Municipality (Pavia Province) in already established surveillance zone for ASF in holdings, but in a disease-free zone in wild animals
- Cases are in a protected area (Ticino Park) Natural corridor for wild boars
- The first finding was a fresh carcass of an adult female
- The second was confirmed on 7 October as consequence of wildlife control activity carried out by the Ticino Park Authority, during which were killed 8 wild boars. Only one resulted positive
- Intensification of active search of carcasses in the area
- Finding area is also close between two highways which could represent artificial barriers



## Lombardy – last confirmation



link with previous cluster, part of the same supply chain

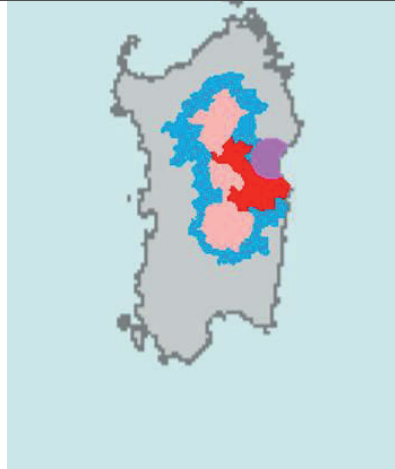


# Sardinia – domestic pigs and wild boar

Sardinia since October 2022

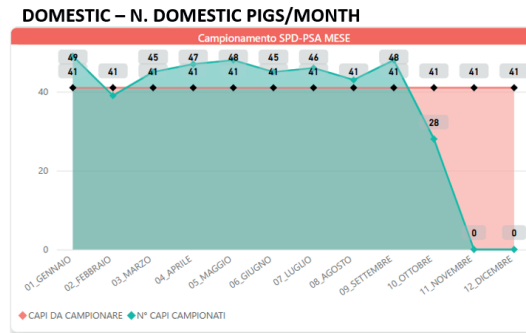
## Genotype I

Sardinia since December 2022

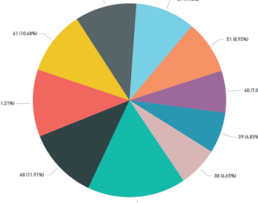


## Sardinia – Genotype 1 – passive surveillance in WB and domestic in 2023

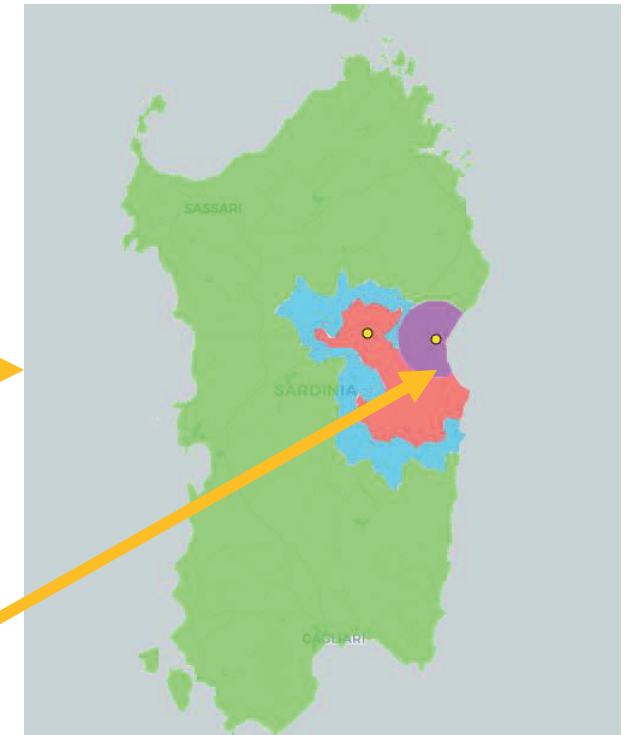
All animal tested are negative



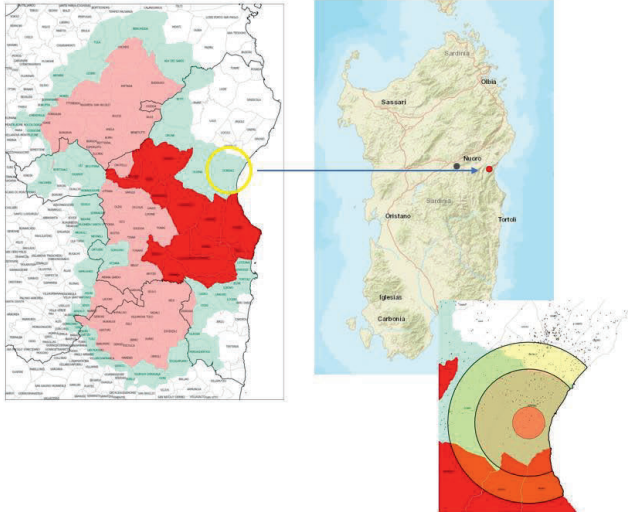
WILD BOARS - N. PER MONTH (% ON WB CHECKED)



January	59 (16,46%)
February	64 (11,91%)
March	40 (11,21%)
April	39 (10,68%)
May	57 (10,33%)
June	51 (9,99%)
July	61 (8,93%)
August	68 (7,01%)
September	94 (16,46%)
October	38 (6,65%)



## Genotype II – outbreak IT-ASF-2023-00807



- Small closed-cycle breeding farm with 13 pigs in Dorgali Municipality (Nuoro Province)
- Suspect on 19 September due to the death of 3 pigs
- Confirmation on 20 September
- Protection and Surveillance zones immediately established and application of all measure in accordance to Delegated Regulation (EU) 2020/687, Implementing Regulation (EU) 2023/594 and Ordinance n.2/2023
- Almost all farms (95/101 holdings) and each pig (820) contained in 10 km radius from the outbreaks were checked and tested (up to 18/10/2023)
- enhanced passive surveillance to monitor the possible introduction of the virus into the surrounding environment and then to wild boars in the involved municipality → 2 carcasses found were negative

## Epidemiological investigation



- On 10 September 3 young pigs died
- Possible entrance of virus in the farm: 6 September
- The epidemiological investigation suggests that the virus entered via contaminated material from food waste fed to dogs in the farm.
- Following traces of possible entries of meat or products potentially contaminated with genotype II virus, suggested a link to outbreak IT-ASF-2023-00789, in Zinasco (Pavia Province, Lombardy Region).

# ASF in Sweden – wild boar – first occurrence

- First confirmation on 6 September (51 ASF cases to date)
- Case detected as part of passive surveillance of wild boars found dead
  - EUVET mission:
    - 20-22 October 2023
- EU regionalisation in place



## Control measures

After establishment of infected zone: (art 63-65, Commission delegated regulation (EU) 2020/687)

Ban on hunting and all other activities off-road

Local hunters engaged in search for dead wild boars

Pig farms identified and visited by official veterinarians

Decision to depopulate all pig farms in infected zone

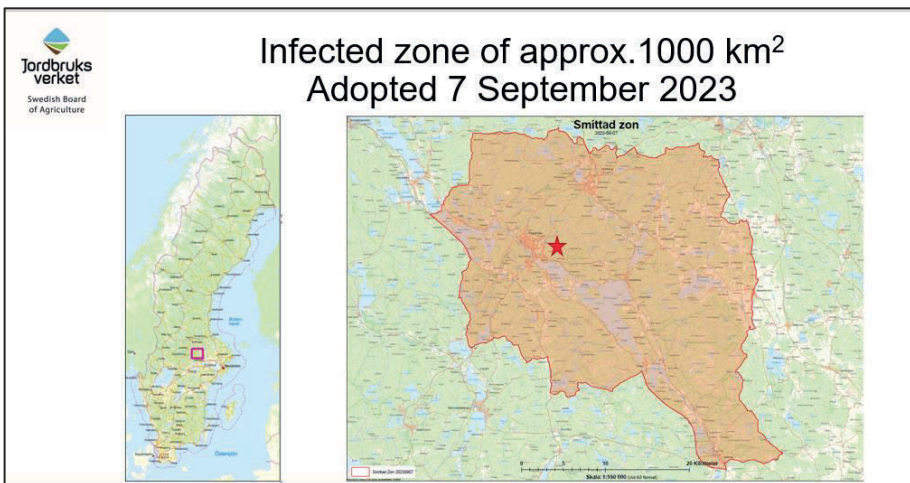
Center for test & removal of carcasses established in Fagersta

Restriction on movements of porcine animals and animal products, feed and bedding materials.

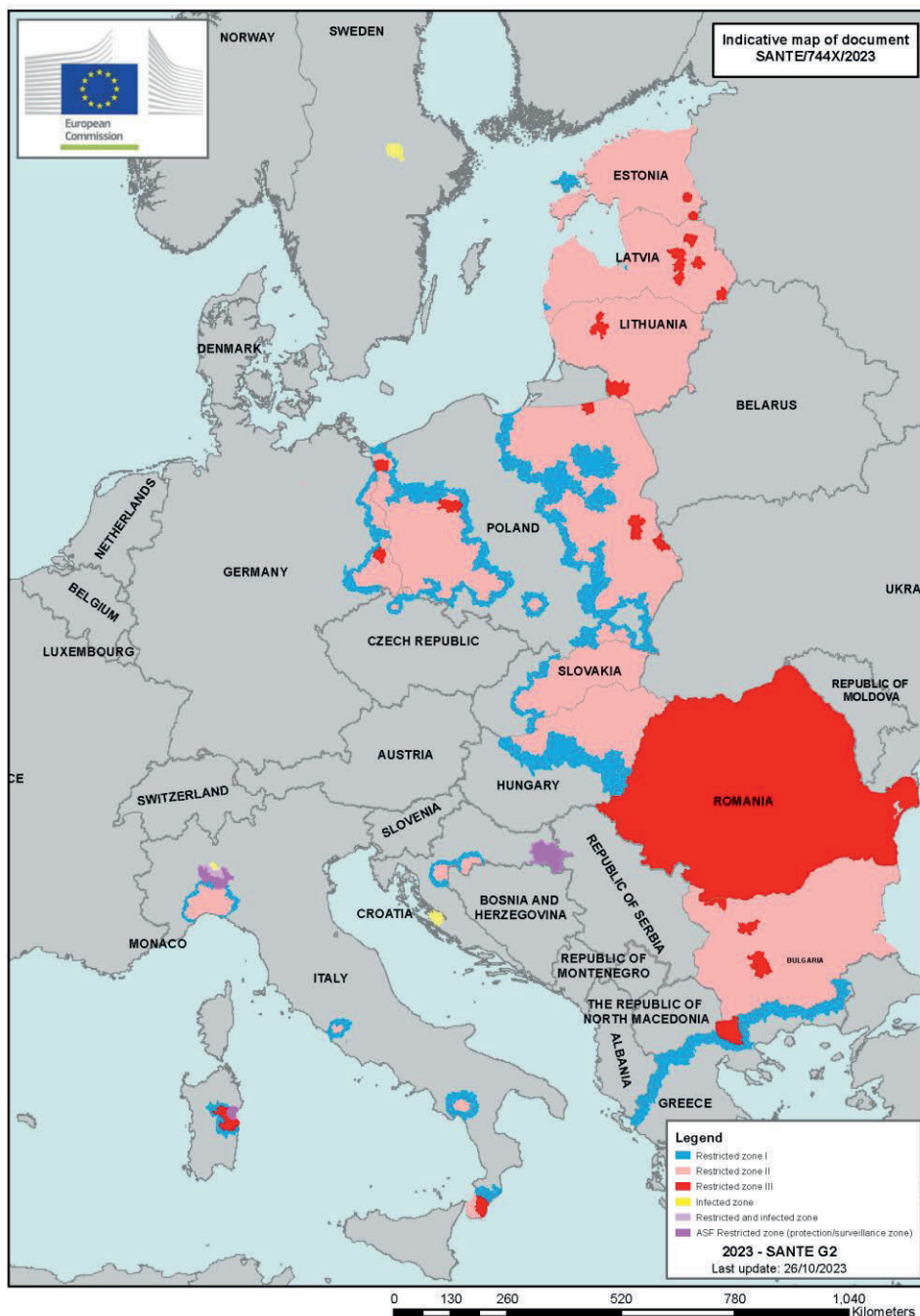
Mandatory cleaning and disinfection of machines for agriculture and forestry.



Infected zone of approx. 1000 km<sup>2</sup>  
Adopted 7 September 2023



# EU regionalisation measures for ASF



## Regulation (EU) 2023/594:

- **Restricted zone I** ('an additional further restricted zone') – zone, bordering zone II or III, where relevant (no ASF)
- **Restricted zone II** ('an infected zone') – ASF in wild boar
- **Restricted zone III** ('a further restricted zone', in addition to PZ/SZ) – ASF in domestic pigs (with or without ASF in wild boar)

- the **Strategic approach** to the management of African Swine Fever for the EU

[https://food.ec.europa.eu/system/files/2020-04/ad\\_control-measures\\_asf\\_wrk-doc-sante-2015-7113.pdf](https://food.ec.europa.eu/system/files/2020-04/ad_control-measures_asf_wrk-doc-sante-2015-7113.pdf)

- the **principles and criteria** for geographically and temporally defining ASF regionalisation:

[https://ec.europa.eu/food/sites/food/files/animals/docs/ad\\_control-measures\\_asf\\_wrk-doc-sante-2015-7112.pdf](https://ec.europa.eu/food/sites/food/files/animals/docs/ad_control-measures_asf_wrk-doc-sante-2015-7112.pdf)

Currently being revised

- **Online interactive map:**

<https://santegis.maps.arcgis.com/apps/webappviewer/index.html?id=45cdd657542a437c84bfc9cf1846ae8c>

# Chief veterinary Officers meeting on African swine fever in the Western Balkan Countries

- **31 August 2023** (remote)
- CVOs and other representatives from EU MSs, Western Balkan countries, EU Commission, GFTADs secretariat etc. (**~ 70 participants connected**)
- Agenda, presentations and conclusions are available on the **website of the EU Commission** at:
- *[https://food.ec.europa.eu/animals/animal-diseases/diseases-and-control-measures/african-swine-fever/cvos-meeting-asf-western-balkan-countries-31-august-2023\\_en](https://food.ec.europa.eu/animals/animal-diseases/diseases-and-control-measures/african-swine-fever/cvos-meeting-asf-western-balkan-countries-31-august-2023_en)*

# ADEWB II – capacity building project in the Western Balkans

- Project stakeholders

Veterinary competent authorities  
Farmers, traders and other stakeholders  
involved in animal production and trade


Start date: 19.07.2023

Duration: 36 months

## **ADEWB II Workshop**

on preparation of national surveillance plans on  
ASF/CSF (4-5 September 2023, Podgorica,  
Montenegro).

## **ADEWB II Project activities – Complete overview**

- Legislation (EU AHL and OCR):
  - Organization of the competent authorities (general action plan for establishment of quality check system in the area of official controls)
  - ID/Traceability (animal IR and movement)
  - Disease surveillance
  - Animal health emergency preparedness (national CP, SOPs and simulation exercises)
  - ABP system (pre-evaluate designated areas where carcasses could be buried during a large outbreak)
  - Information management systems (transparent sharing of data)
  - Laboratories (lab simulation exercises)
  - Cross border cooperation (WB CVO Forum)
  - Disease statuses (WOAH)
- 

# Two specific BTSF training on ASF in 2023

**May 2023, Vilnius (Lithuania) –**

Participants: 24 EU and 7 Non-EU neighboring countries:

Focus on the implementation EU legislation

**October 2023, Ciudad Real (Spain):**

Focus on wild boar management



combination of:

the standard **workshops** and  
**simulation exercises** in the field

# Two specific BTSF training on ASF in 2023

- **BTSF Workshop on African Swine Fever** (3-5 October 2023, Ciudad Real, Spain)
- **70 participants** (EU MSs + Western Balkans) from the competent authorities

*Theoretical part*

*Simulation exercise*



*Topics covered, examples:*

- *Search of carcasses, sampling, safe disposal*
- *Delimitation of the infected zone, regionalisation*
- *Monitoring of wild boar, trapping*

# EU Veterinary Emergency Team (EUVET)

- The team includes experts in the fields of veterinary sciences, virology, wildlife, laboratory testing, risk management and other relevant areas. The experts are on stand-by, ready to respond in animal health situations.
- From 2007 to 2023, **62 EUVET** missions were organised by the Commission to provide support to EU Member States (and third countries) on ASF
- [https://food.ec.europa.eu/animals/animal-diseases/veterinary-emergency-team\\_en](https://food.ec.europa.eu/animals/animal-diseases/veterinary-emergency-team_en)
  - **Experts:** [https://food.ec.europa.eu/system/files/2023-03/ad\\_emergency\\_cvet\\_experts.pdf](https://food.ec.europa.eu/system/files/2023-03/ad_emergency_cvet_experts.pdf)
  - **Missions:** [https://food.ec.europa.eu/system/files/2023-02/ad\\_emergency\\_cvet\\_experts\\_missions.pdf](https://food.ec.europa.eu/system/files/2023-02/ad_emergency_cvet_experts_missions.pdf)
- **Greece:** 7-9 February 2023
- **Czechia:** 10-12 May 2023
- **Italy:** 9 -13 July 2023
- **Croatia:** 11-13 July 2023
- **Sweden:** 20-22 September 2023
- **France-Italy:** 11-13 October 2023
- **Croatia:** 14- 16 November 2023



# Thank you for your attention

## Questions?

