



Ministero della Salute

African swine fever in Italy

PAFF Committee – Animal health and welfare

28 August 2024



ASF cases from 11 July 2024 (last PAFF)

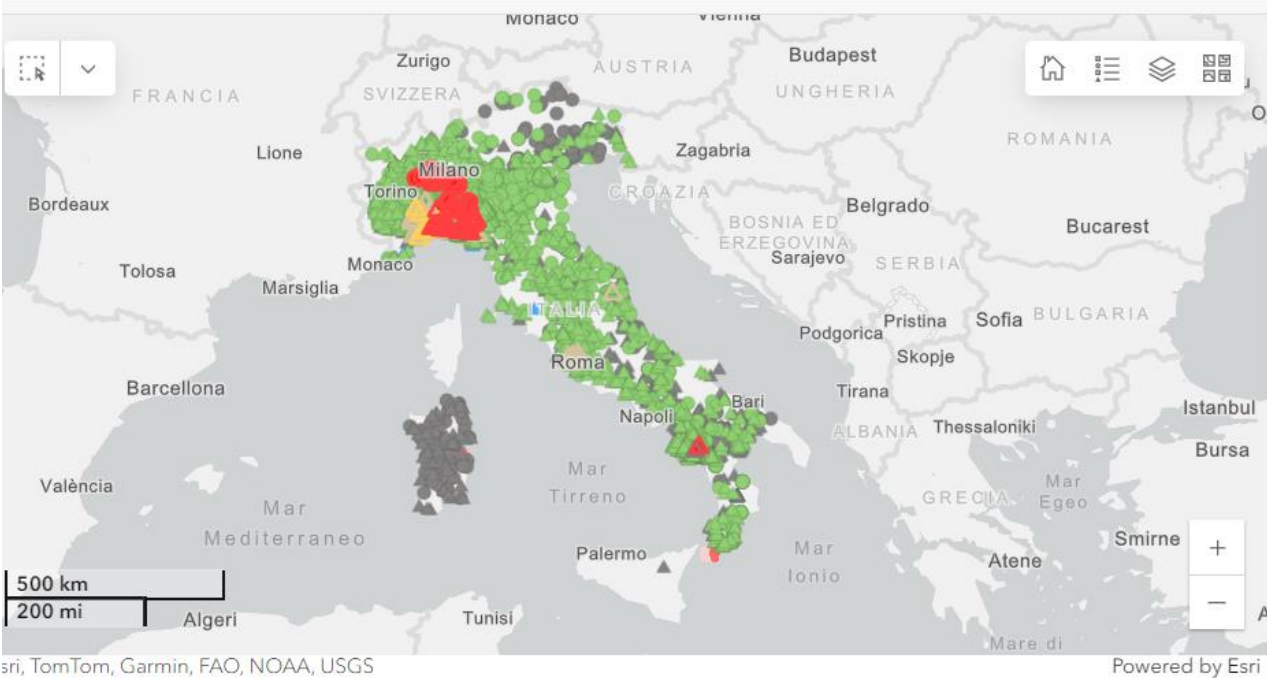
Emergenza PSA
GIS Dashboard

Piano ...

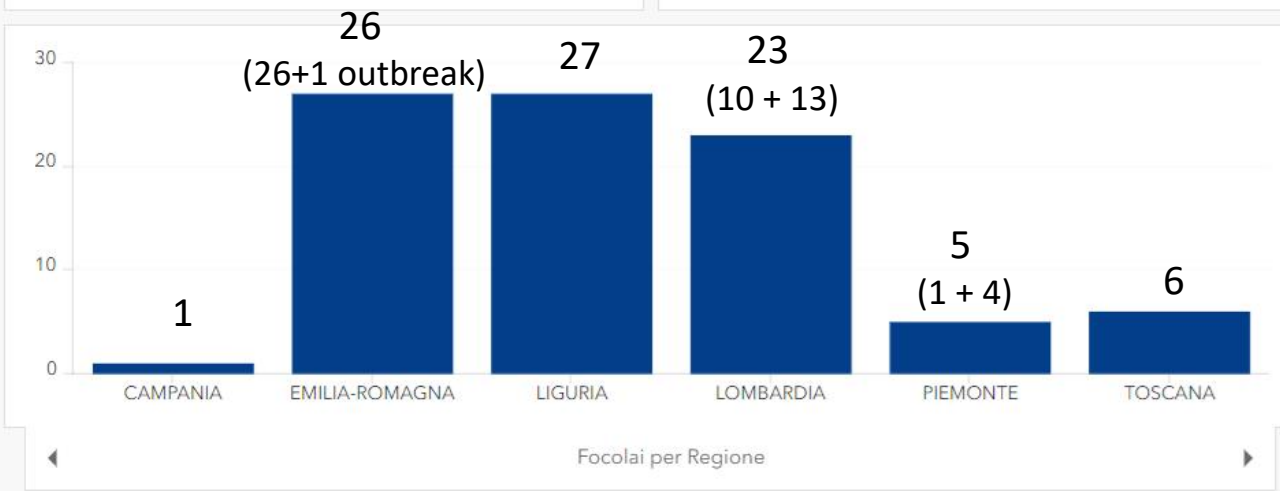
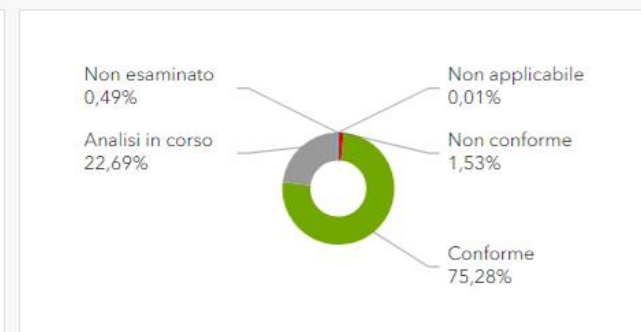
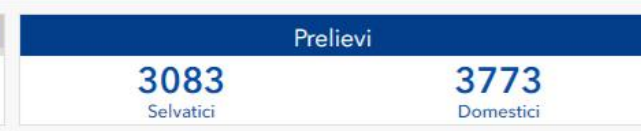
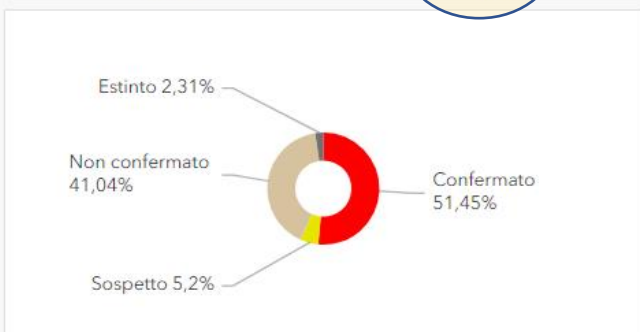
Regione ...

Tipo Esito (SINVSA) ...

Intervallo data
11/07/2024 - 27/08/2024



SPECIE	SELVATIC...	STATO FO...	DATA SOS...	DATA CO...	DATA ESTI...	REGIONE	PROVINCIA	COMUNE
	SELVATICA	SOSPETTO	27/08/2024			LIGURIA	SV	ALBISOLA ...
	SELVATICA	SOSPETTO	27/08/2024			LIGURIA	SV	VARAZZE
JINO	DOMESTICA	CONFERM...	26/08/2024	26/08/2024		LOMBARDIA	PV	CORTEOL...
	SELVATICA	SOSPETTO	26/08/2024			LIGURIA	GE	SANT'VOL...
	SELVATICA	SOSPETTO	26/08/2024			LIGURIA	GE	MIGNANE...
JINO	DOMESTICA	CONFERM...	26/08/2024	26/08/2024		LOMBARDIA	PV	COSTA DE...



Focolai PSA | Prelevi PSA

Intervallo temporale (Intervallo data) agisce soprattutto per i Focolai e sulla data prelievo

Ultimo aggiornamento dati: 27/08/2024, 13:21

ASF surveillance (wb and dp) from 11 July 2024 (last PAFF)



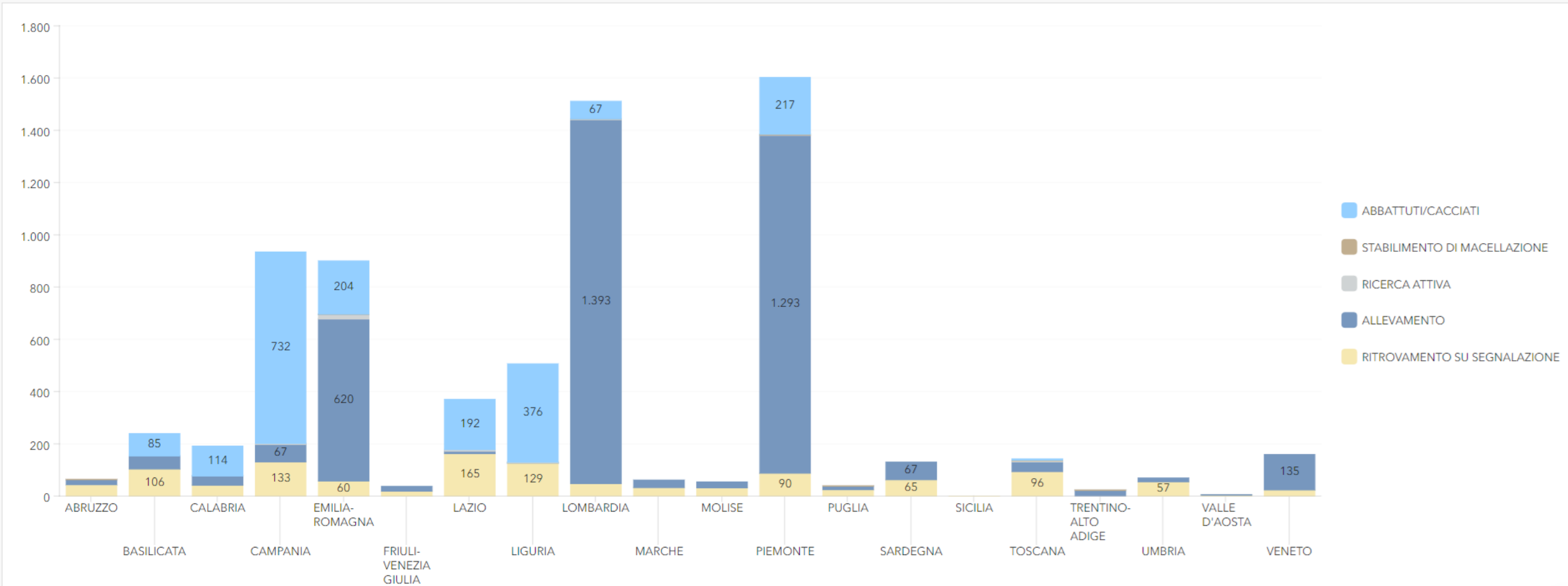
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☰ Piano
...

☰ Regione
...

☰ Tipo Esito (SINVSA)
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📅 Intervallo data
10/07/2024 - 27/08/2024



Focolai per Regione

Focolai per data sospetto

Prelevi per Regione

Prelevi per data

Ricerca attiva



Ministero della Salute

ASF surveillance and cases in North Italy from 11 July 2024 (last PAFF)

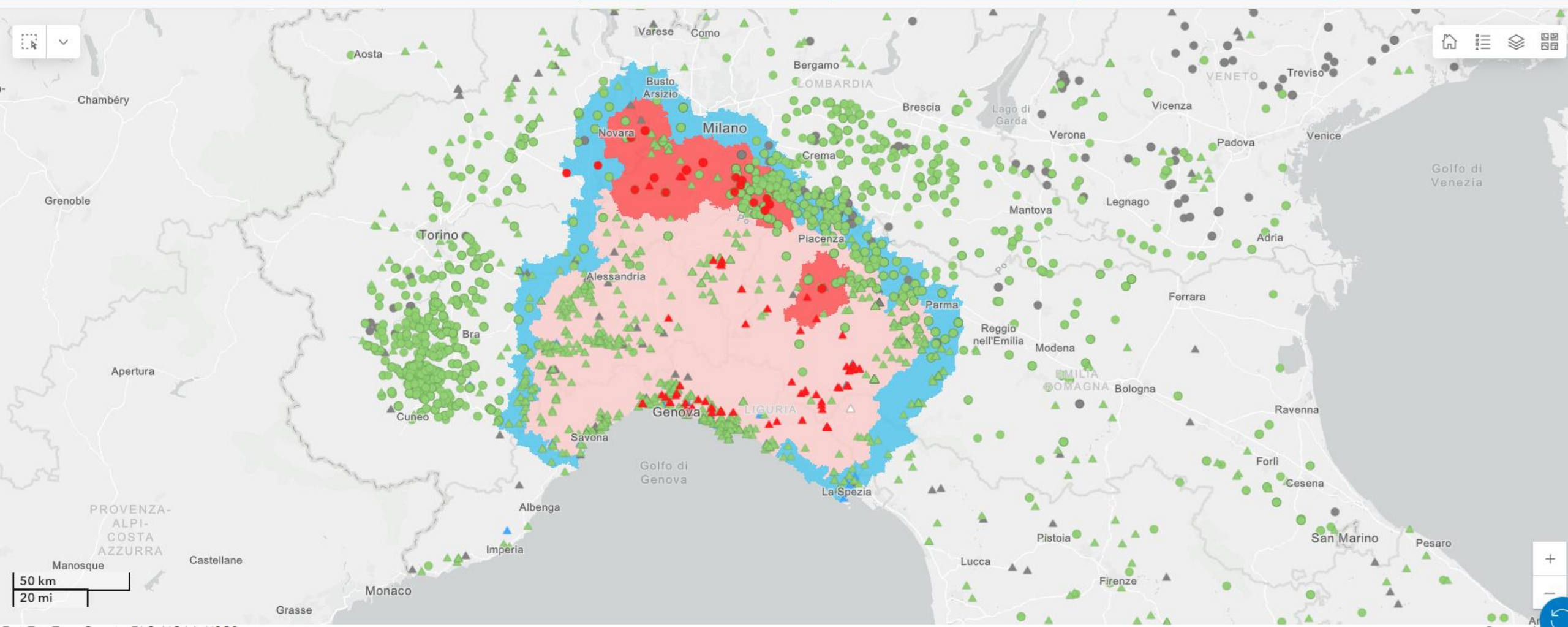
 **Emergenza PSA**
GIS Dashboard

 **Piano**
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 **Regione**
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 **Tipo Esito (SINVSA)**
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 **Intervallo data**
11/07/2024 - 27/08/2024



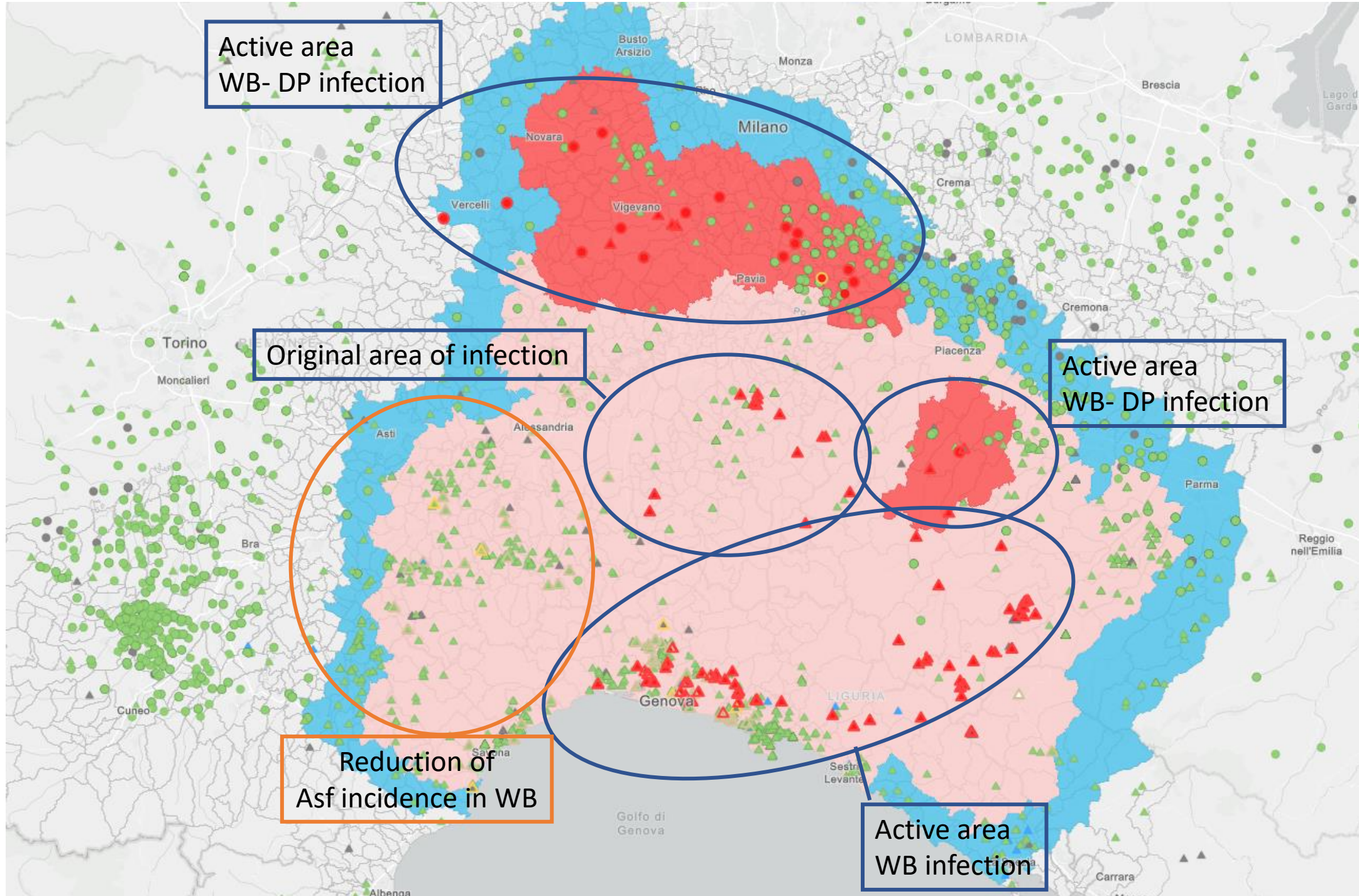
Active area
WB- DP infection

Original area of infection

Active area
WB- DP infection

Reduction of
Asf incidence in WB

Active area
WB infection

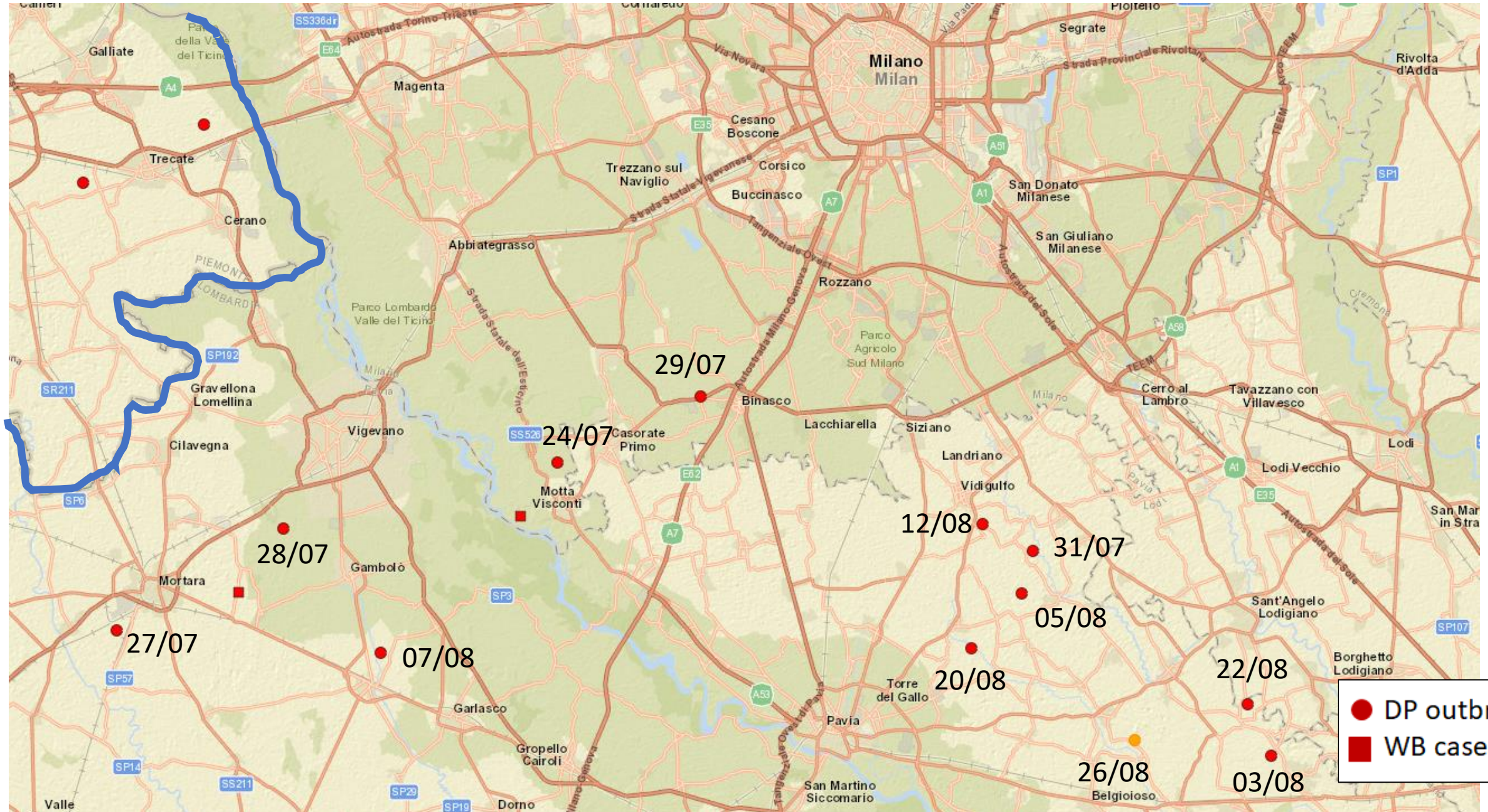


DP outbreaks: type of production

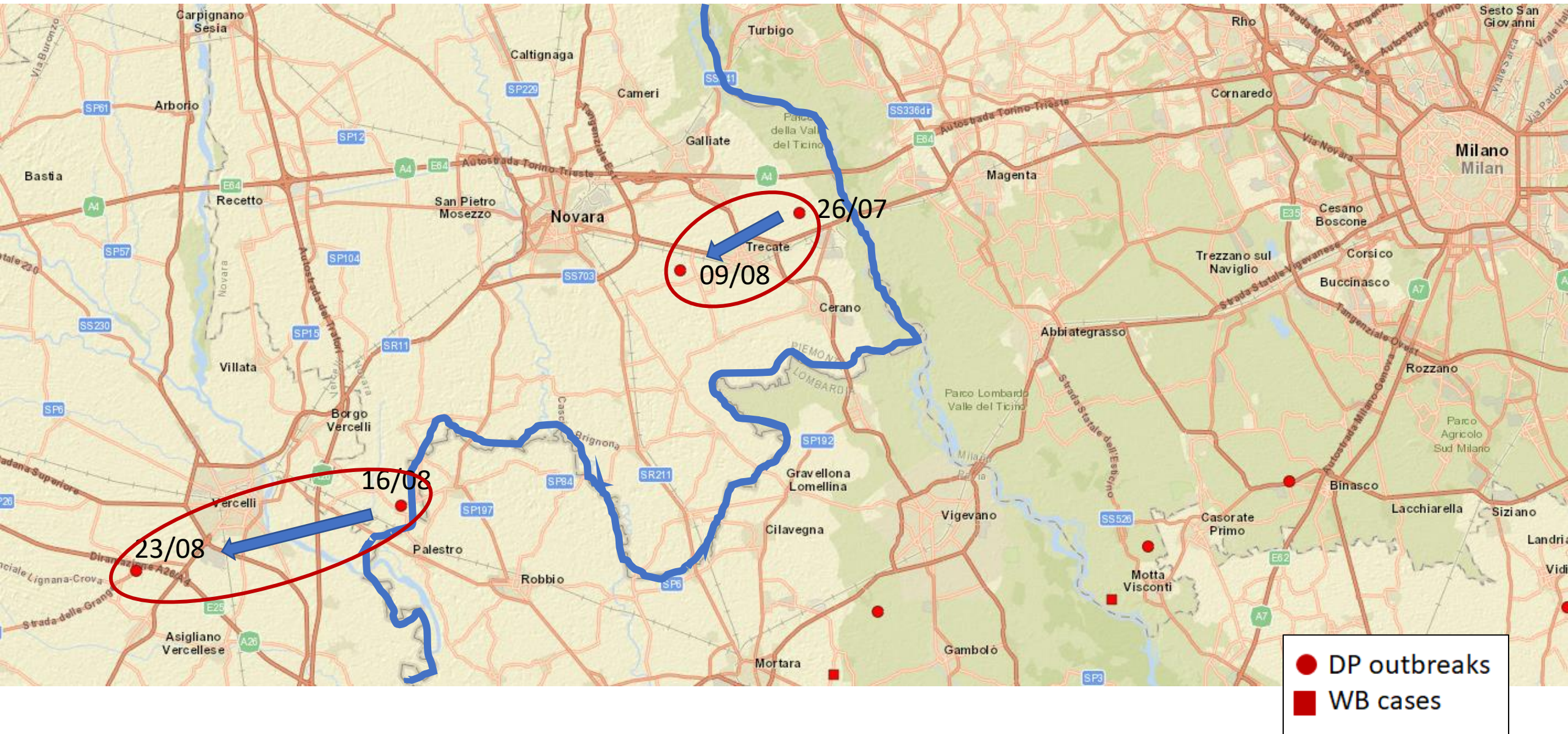
ADIS Reference	Region	Province	Municipality	Type pf farms	Susceptible animals	Suspicion/Start date	Confirmation date
IT-ASF-2024-01101	Lombardia	Milano	Besate	Breeding	584	2024-07-24	2024-07-26
IT-ASF-2024-01102	Piemonte	Novara	Trecate	Breeding	4593	2024-07-24	2024-07-26
IT-ASF-2024-01103	Lombardia	Pavia	Mortara	Breeding	12548	2024-07-26	2024-07-27
IT-ASF-2024-01104	Lombardia	Pavia	Gambolò	Breeding	1965	2024-07-28	2024-07-28
IT-ASF-2024-01106	Lombardia	Milano	Vernate	Breeding	122	2024-07-29	2024-07-29
IT-ASF-2024-01108	Emilia-Romagna	Piacenza	Ponte dell' Olio	Breeding	748	2024-07-30	2024-07-31
IT-ASF-2024-01109	Lombardia	Pavia	Torrevecchia Pia	Fattening	1116	2024-07-31	2024-07-31
IT-ASF-2024-01116	Lombardia	Pavia	Santa Cristina E Bissone	Fattening	758	2024-08-03	2024-08-03
IT-ASF-2024-01120	Lombardia	Pavia	Marzano	Fattening	1927	2024-08-05	2024-08-05
IT-ASF-2024-01121	Lombardia	Pavia	Tromello	Fattening	20430	2024-08-06	07/08/2024
IT-ASF-2024-01129	Piemonte	Novara	Trecate	Fattening	6756	2024-08-09	2024-08-09
IT-ASF-2024-01131	Lombardia	Pavia	Vidigulfo	Breeding	3033	2024-08-12	2024-08-12
IT-ASF-2024-01136	Piemonte	Novara	Vinzaglio	Breeding	15	2024-08-14	2024-08-16
IT-ASF-2024-01144	Lombardia	Pavia	Sant' Alessio con Vialone	Fattening	3769	2024-08-20	2024-08-20
IT-ASF-2024-01147	Lombardia	Pavia	Inverno E Monteleone	Fattening	818	2024-08-22	2024-08-22
IT-ASF-2024-01149	Piemonte	Vercelli	Lignana	Fattening	147	2024-08-21	2024-08-23



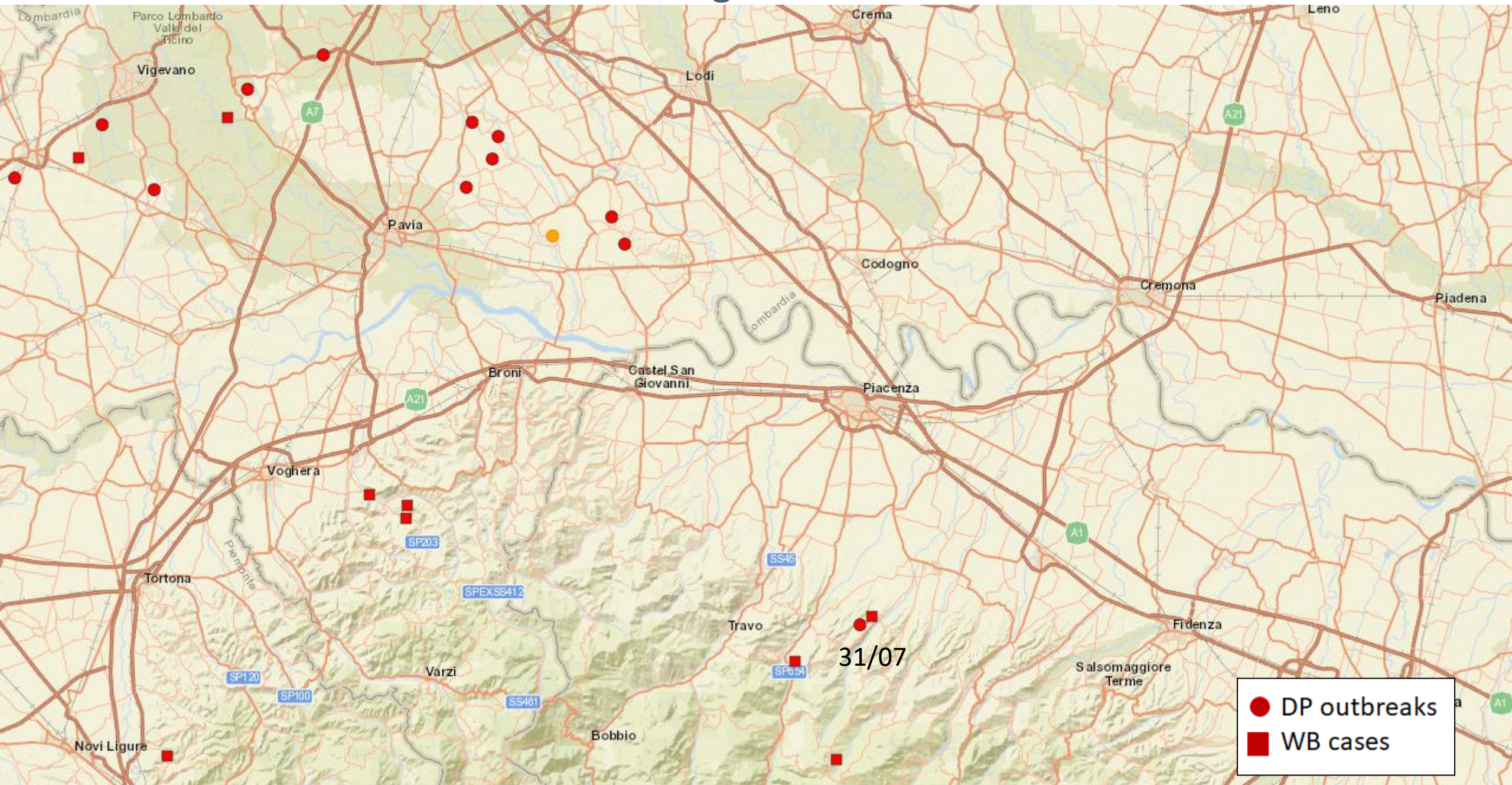
Lombardy DP outbreaks 2024



Piedmont DP outbreaks 2024



Emilia Romagna DP outbreak 2024



Epidemiological inquiries

All outbreaks were investigated

- Hypothesis of virus introduction
- Biosecurity level
- Eventual diffusion ways
- Movements of animals
- Personnel activities
- Risky visits

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E. Romagna: environmental contamination from Wild Boar

Piedmont: first outbreak from WB then connection between DP establishment

Lombardy: first cases environmental contamination then connection between DP establishment

Epidemiological inquiries

All outbreaks were investigated

- Hypothesis of virus introduction
- **Biosecurity level**
- Eventual diffusion ways
- Movements of animals
- Personnel activities
- Risky visits

Structure are improving, but **improve level of biosecurity management and approach remains a priority**

(e.g the correct position, management and use of the mandatory **filter zone**, the correct subdivision of the farm into **dirty zone and clean zone** provided for all farms on the national territory)

Epidemiological inquiries

All outbreaks were investigated

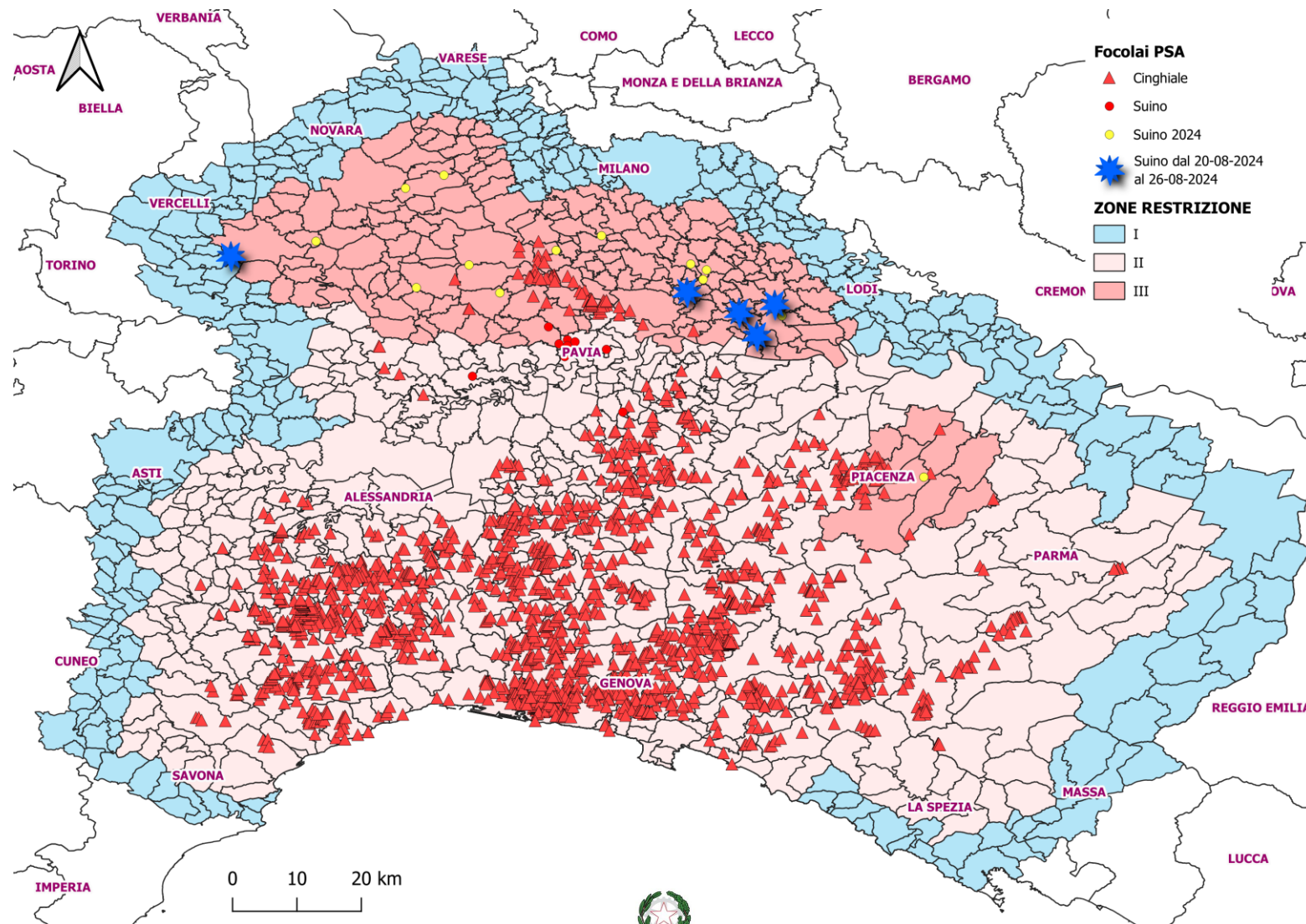
- Hypothesis of virus introduction
- Biosecurity level
- Eventual diffusion ways
- Movements of animals
- Personnel activities
- Risky visits



All tracing was done quickly and efficiently

Probably the additional critical point was the **increasing of agricultural work in the field in the area** (cut of the grass, collecting cereals...)

Restriction zones in force and being updated in North Italy



Reinforced measures for domestic pigs

In addition to the measures provided for in the EU and national regulations , the following enhanced measures regarding **movement of pigs and vehicles** were provided for by measures of the Ministry of Health (last n° 25539 of the August 21 2024)

In ZR of the Piedmont, Lombardy and Emilia-Romagna regions:

- **Ban of live movements of pigs to and from establishments located within ZR until next September 15; derogations allowed for movements within the RZs of the same regions** (excluding PZ and SZ) and after verification by the competent authority of compliance with the conditions laid down in EU regulations (in Art. 43 of Reg. (EU) 2020/687 Art. 14, 15 and 16 of Reg. (EU) 2023/594) and:
 1. Clinical examination in the 24 hours prior to the movement of animals, including those intended to be moved, and repeated every 48 hours, also checking mortality trends;
 2. Spleen sampling from at least two recently dead pigs, preferably not more than 5 days old, to be taken within 72 hours before the first load and repeated every 72 hours for subsequent loads. Priority should be given, where present, to subjects older than 60 days and weighing more than 20 kg
- In addition to restrictions on movements, **surveillance on farms has also been intensified with regard to verification of compliance with biosecurity measures**. Provision has been made for the **blocking of compensation** in case of irregularities on farms with outbreaks or preventive culling.



Reinforced measures for domestic pigs

- Technicians and veterinarians must carry out their activities only within RZs or at least comply with a minimum “inactivity” period of 7 days before going to pig farms located outside RZs
- Access to the farm by vehicles or external persons related to other livestock activities allowed only if essential and limited to the dirty area of the farm.
- Clinical examination 24 hours prior to the movement and sampling on spleens taken in the previous 72 hours also provided for **movement to slaughterhouse**.
- In slaughterhouses, procedures for cleaning and disinfection of vehicles unloading animals must be verified by the territorially competent Veterinary Service (vehicles and equipment used for transporting pigs must be cleaned and disinfected without delay after each transport and use, with products effective against ASF)
- Prohibition of vehicle drivers' access to breeding areas.



Risk based management of the meat and product possible contaminated with asf virus

Hazard	Risk based categorization		Trace back and destruction	Trace back and Risk based management (Annex VII Reg EU 2020/687)
Animals moved from infected farm to slaughterhouses starting from identified "safe date" ¹ till the day of the confirmation of the outbreak	1	meat and/or products derived from animals coming from infected farm	x	
	2	meat and/or products from animals coming from non-infected farm but slaughtered together with animals coming from infected farm (same slaughtering days ²).		x
	3	meat and/or products derived from animals coming from other facilities, including rest stables, in which slaughtered animals came into contact with those coming from the infected farm ³		x
	4	meat and/or products that came into contact with those referred to all the previous points during any movement ⁴		x

¹ The safe date was determined with the higher level of precautionary principle and considering the following elements:

- the start of episodes of anomalous mortality on the farm;
- the maximum incubation period of the ASF virus - 15 days [WOAH Terrestrial Manual-Chapter 3.9.1.- [African swine fever \(infection with African swine fever virus\)](#) (version adopted in May 2021)]

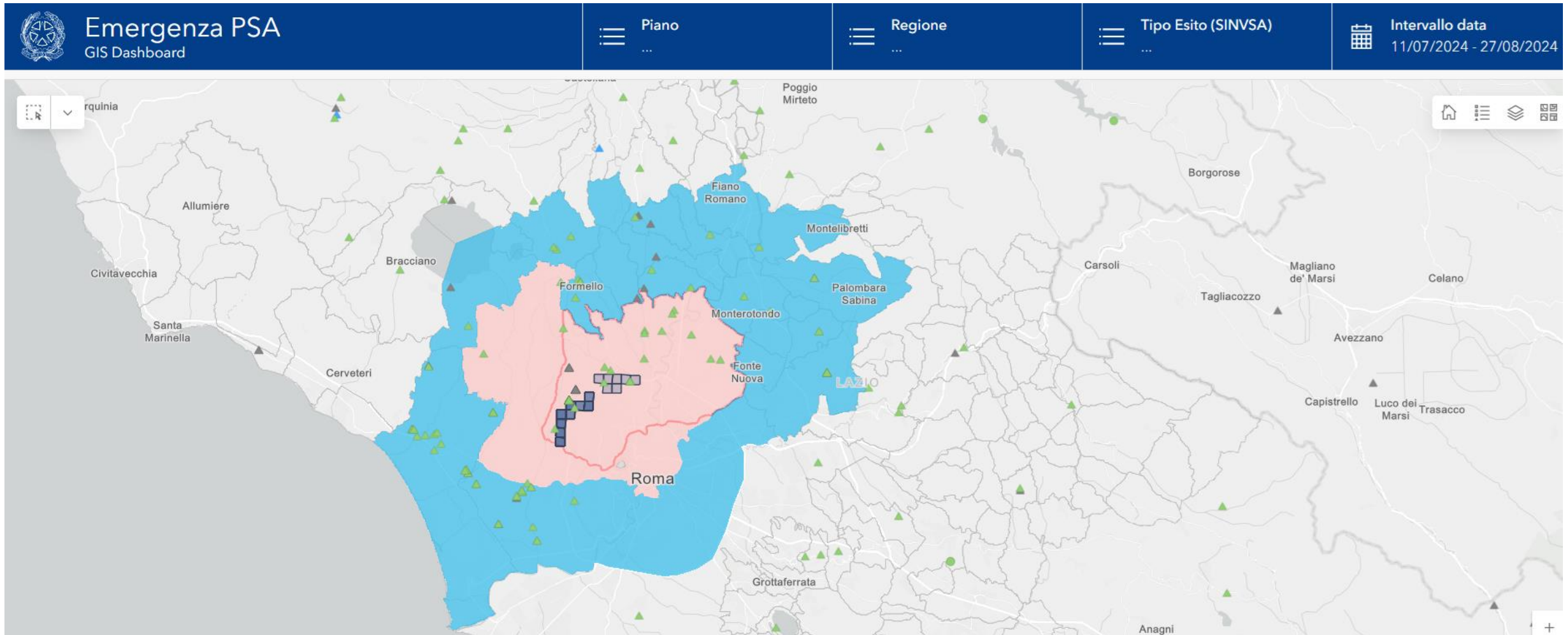
² the slaughter day can be limited by taking into consideration the batches of pigs coming from the infected farm and those slaughtered subsequently excluding the previous ones where evidence of segregation in time and space is available

³ It's possible to exclude meat deriving from pigs falling under this criterion where it is possible to demonstrate the absence of direct contact and/or the absence of contact time useful to develop viremia before the slaughtering, considering that the ASF minimum incubation period is approximately 4 days [WOAH Terrestrial Manual-Chapter 3.9.1.- [African swine fever \(infection with African swine fever virus\)](#) (version adopted in May 2021)]

⁴ contact means situations in which an effective mixing between them has occurred, for example mixing/grinding, without including in these cases products present in the same structures but suitably separated in space from other products

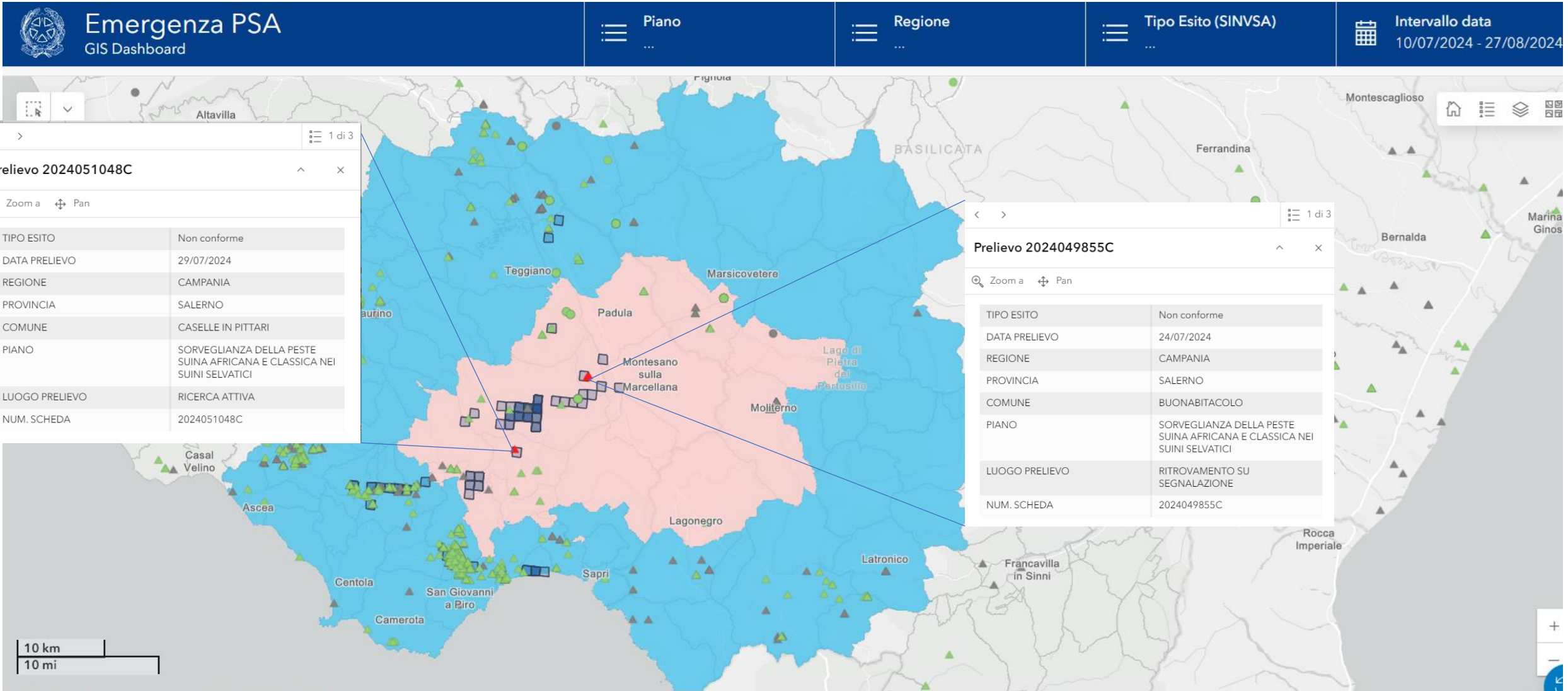
Limited amounts due to the detection of the virus in breeding farms or in fattening farms in the early stages of growth

ASF surveillance and cases in Rome from 11 July 2024 (last PAFF)



- No cases detection in WB
- Stable situation

ASF surveillance and cases in Campania e Basilicata from 11 July 2024 (last PAFF)



ASF surveillance and cases in Calabria from 11 July 2024 (last PAFF)

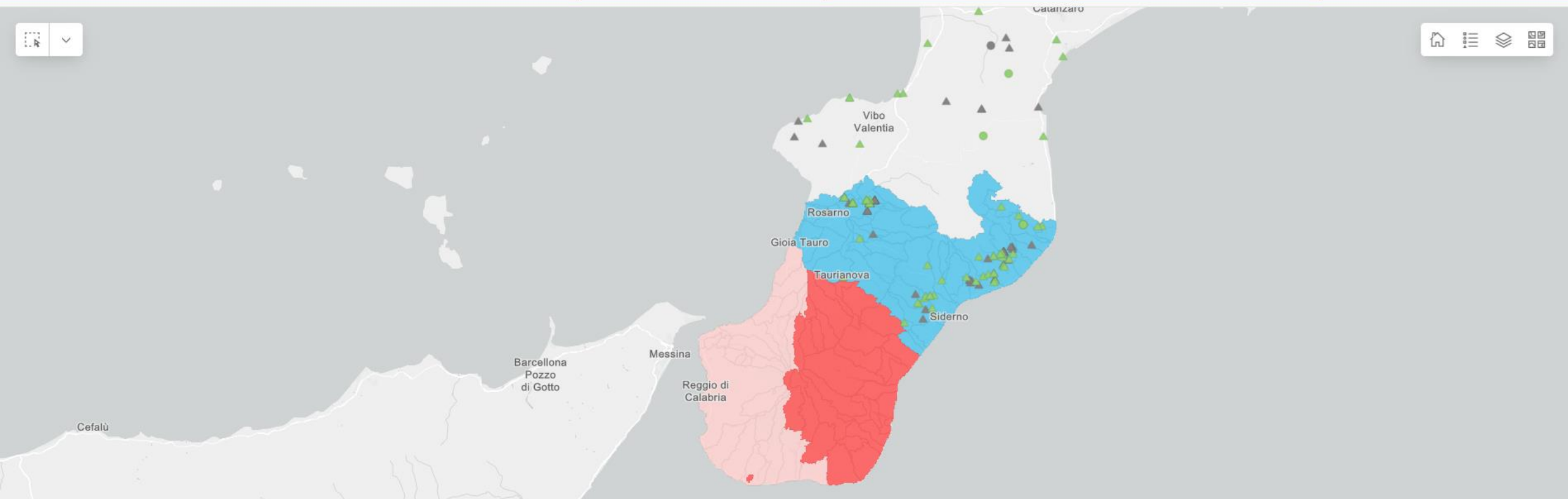
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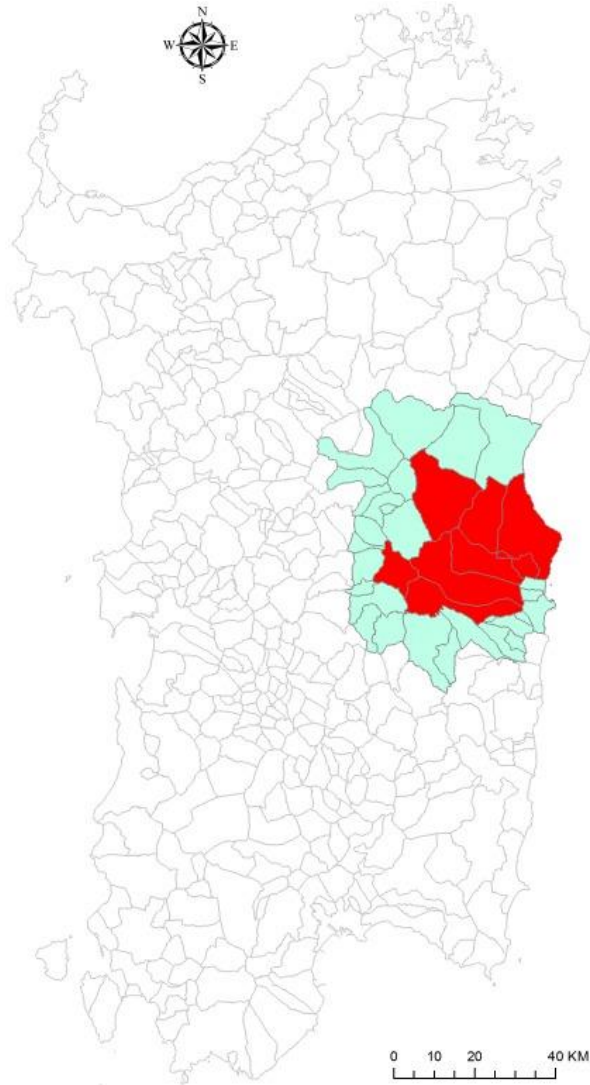
 Tipo Esito (SINVSA)
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 Intervallo data
10/07/2024 - 27/08/2024



- No cases detection in WB
- Stable situation
- Last outbreak July 27, 2023

ASF epidemiological situation in Sardinia



- No VIRUS detection since **September 2018** in DP(Gen 1)
- No VIRUS detection since **April 2019** in WB



Thank you

