



Ministero della Salute

African swine fever in Italy

PAFF Committee – Animal health and welfare

25/26 June 2024



ASF cases from 16 May 2024 (last PAFF)



Emergenza PSA
GIS Dashboard

Piano
...

Regione
...

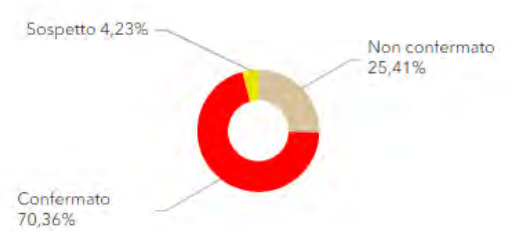
Tipo Esito (SINVSA)
...

Intervallo data
16/05/2024 - 24/06/2024



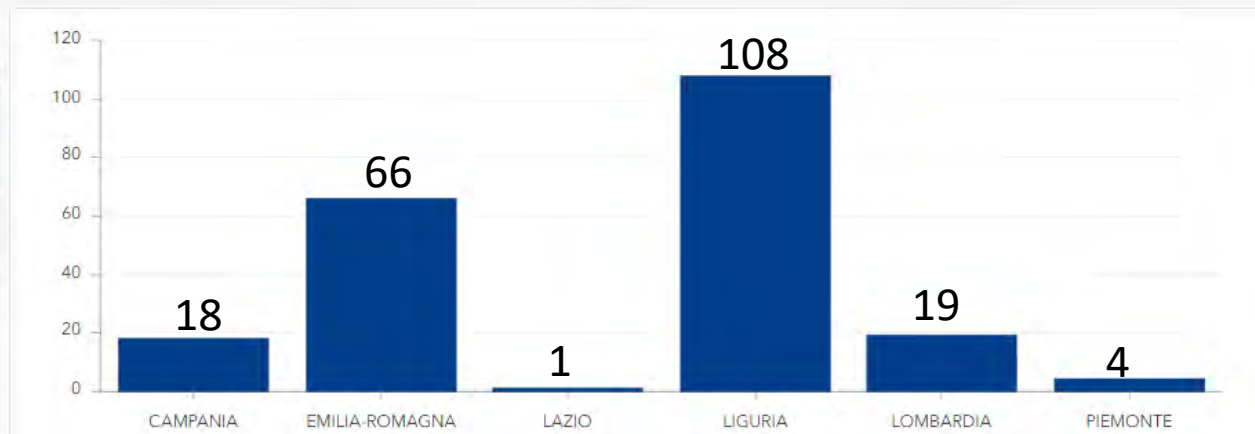
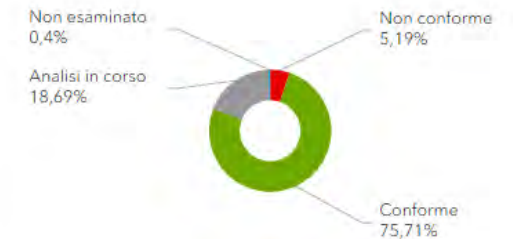
Focolai Confermati

216
Selvatici
0
Domestici



Prelievi

2588
Selvatici
1517
Domestici



Il filtro sull'intervallo temporale (*Intervallo data*) agisce sulla **data sospetto** per i Focolai e sulla **data prelievo** per i Prelievi.

Ultimo aggiornamento dati
24/06/2024, 07:20

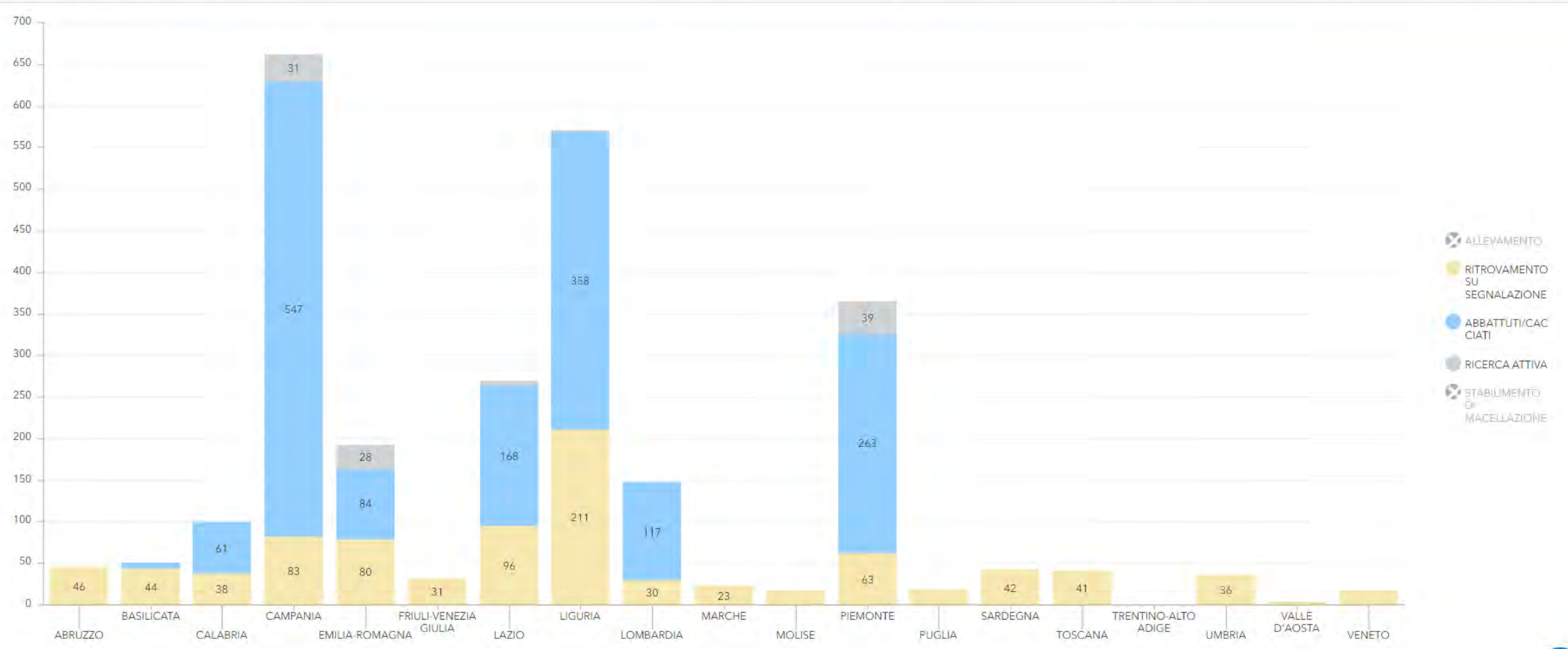
SPECIE	SELVATICO...	STATO FOC...	DATA SOSP...	DATA CON...	DATA ESTI...	REGIONE	PROVINCIA	COMUNE
	SELVATICA	SOSPETTO	21/06/2024			LIGURIA	GE	BARGAGLI
	SELVATICA	SOSPETTO	20/06/2024			LIGURIA	GE	CAMOGLI
	SELVATICA	SOSPETTO	20/06/2024			LIGURIA	GE	CAMPOMOR...
	SELVATICA	SOSPETTO	20/06/2024			LIGURIA	GE	GENOVA
	SELVATICA	SOSPETTO	20/06/2024			LIGURIA	GE	GENOVA
	SELVATICA	SOSPETTO	20/06/2024			LIGURIA	GE	SORI
	SELVATICA	SOSPETTO	20/06/2024			LIGURIA	GE	GENOVA

Focolai PSA Prelievi PSA

ASF surveillance in wild boars from 16 May 2024 (last PAFF)


Emergenza PSA
 GIS Dashboard

Piano ...
 Regione ...
 Tipo Esito (SINVSA) ...
 Intervallo data 16/05/2024 - 24/06/2024



ASF surveillance in domestic pigs from 16 May 2024 (last PAFF)



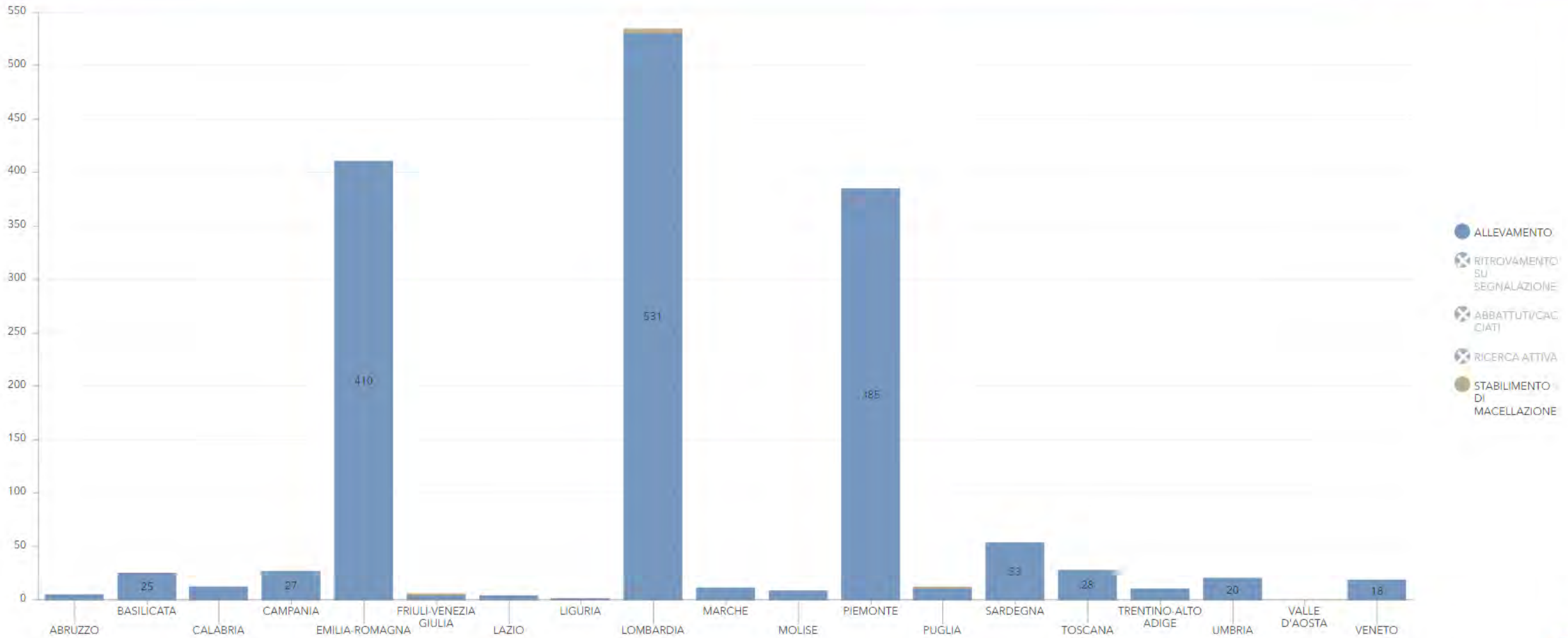
Emergenza PSA
GIS Dashboard

☰ Piano
...

☰ Regione
...

☰ Tipo Esito (SINVSA)
...

📅 Intervallo data
16/05/2024 - 24/06/2024



Focolai per Regione

Focolai per data sospetto

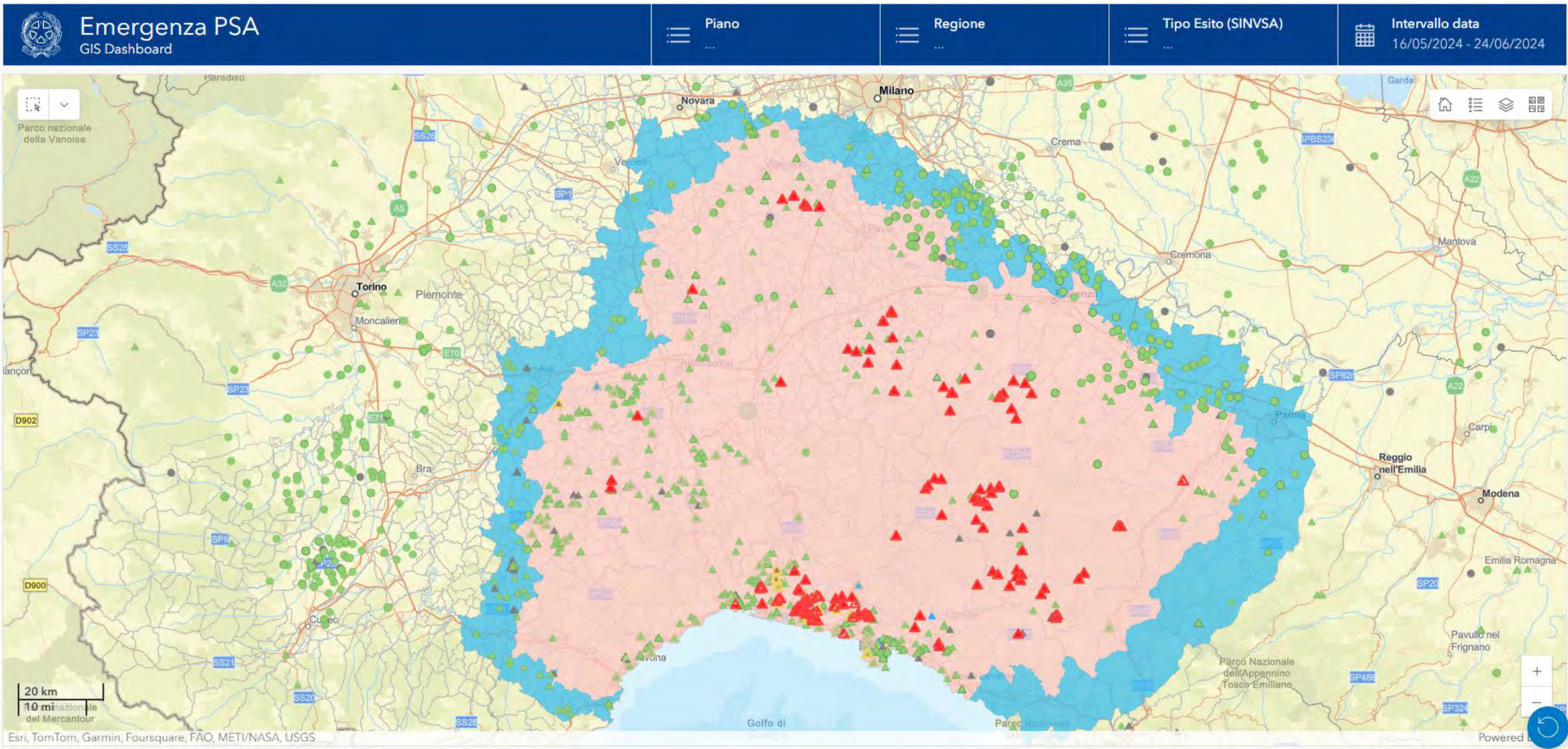
Prelievi per Regione

Prelievi per data

Ricerca attiva



ASF surveillance and cases in North Italy from 16 May 2024 (last PAFF)



Pillars in the management of ASF in the restriction zones in North Italy

1. Management of territory

- Improvement of barriers combining motorway and additional fences as strong barrier in addition to those already built in Piemonte and Liguria;
- Estimation of wild boar presence and density.

2. Wild boar

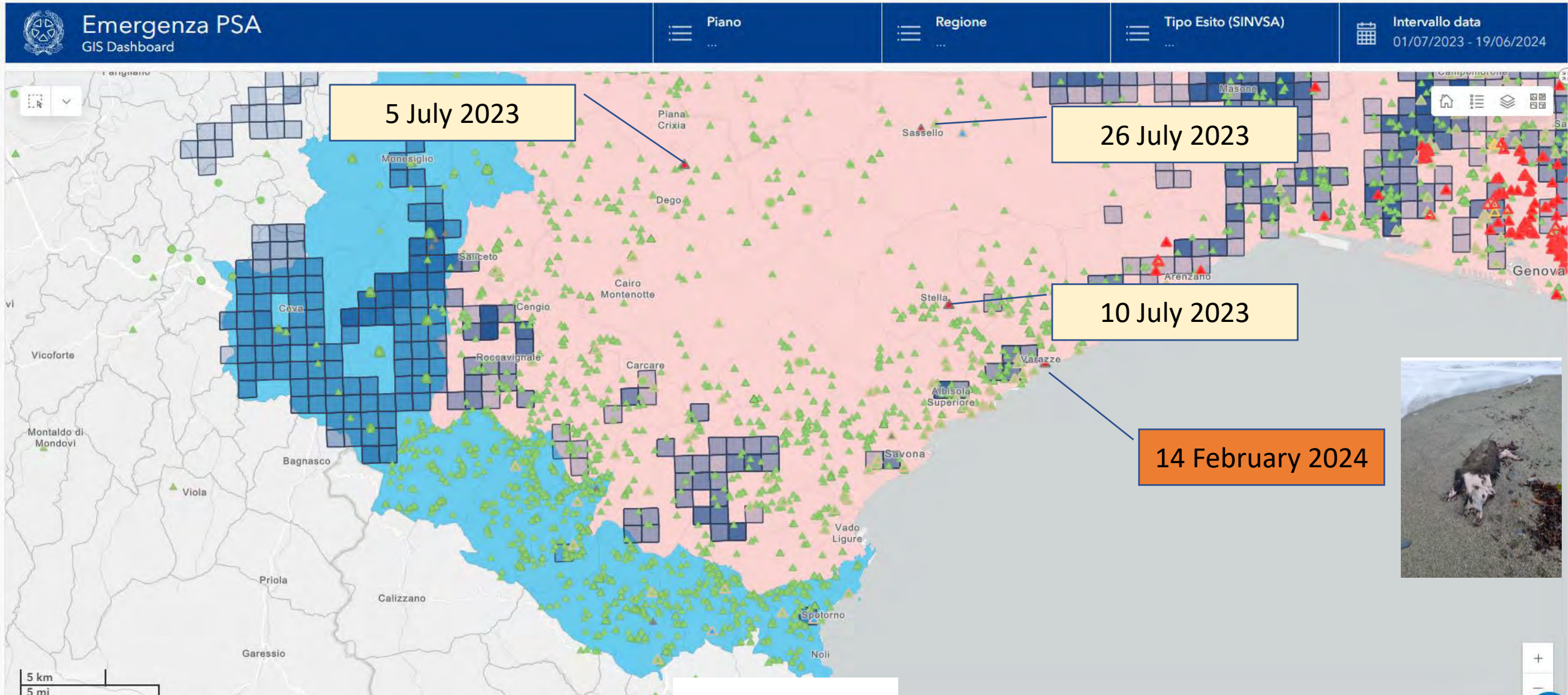
- Active search of carcasses;
- Wild boar depopulation.

3. Domestic pigs

- Biosecurity check of all pigs holdings;
- Derogation for pig movement in accordance with Reg 594/2023.



ASF surveillance and cases in North Italy from July 2023 (focus on Savona province)



In the area of Savona province (the strong eradication activities implemented by the Local veterinary services and likely the construction of fences at the beginning of the epidemic stopped the disease. The last positive case was a wild boar found on the 14th February 2024 on the beach of Varazze Municipality that is a typical spot where marine animals strand. The wild boar came from the flood of some river in the east side (likely Bisagno) considering the weather and the sea current in that period of the year. The last "native" case in Savona province to the one detected on the 26th July 2023 in Sassello Municipality. In addition to the huge effort to the testing and immediate removal of carcasses in the field, the local veterinary service created a strong collaboration with the hunters that allowed to depopulate a large numbers of animals in the restriction zones 1 and to the external part of restriction zone 2 (see map attached) and to have a constant and active search for carcasses in the area.

ASF surveillance and cases in North Italy from July 2023 (focus on Savona province)

Criteria for the active search of carcasses

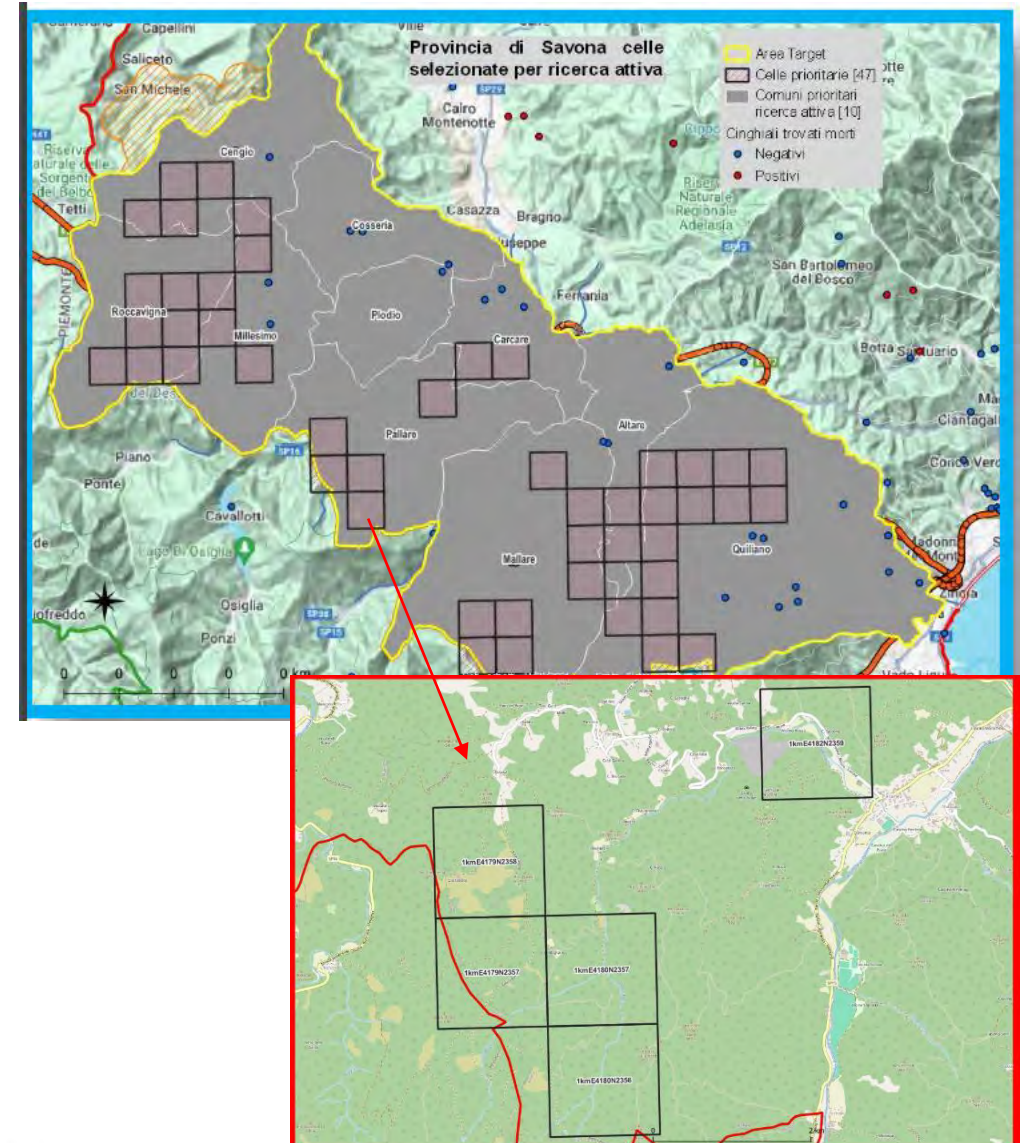
Selection of searching areas according to:

Epidemiological criteria at municipality level

- Areas close to new ASF-positive cases
- High/Medium ASF risk areas (risk based on pig farm presence and probability of ASF introduction and spread)
- Areas with unknown epidemiological status (untested wild boar carcasses during last 18 months)

Environmental criteria a cell level (1km X 1km)

- Water source availability (streams and rivers)
- Habitat (availability of protected areas and forests)
- Topography (altitude and slope)



ASF surveillance and cases in Rome from 16 May 2024 (last PAFF)



Emergenza PSA
GIS Dashboard

☰ Piano
...

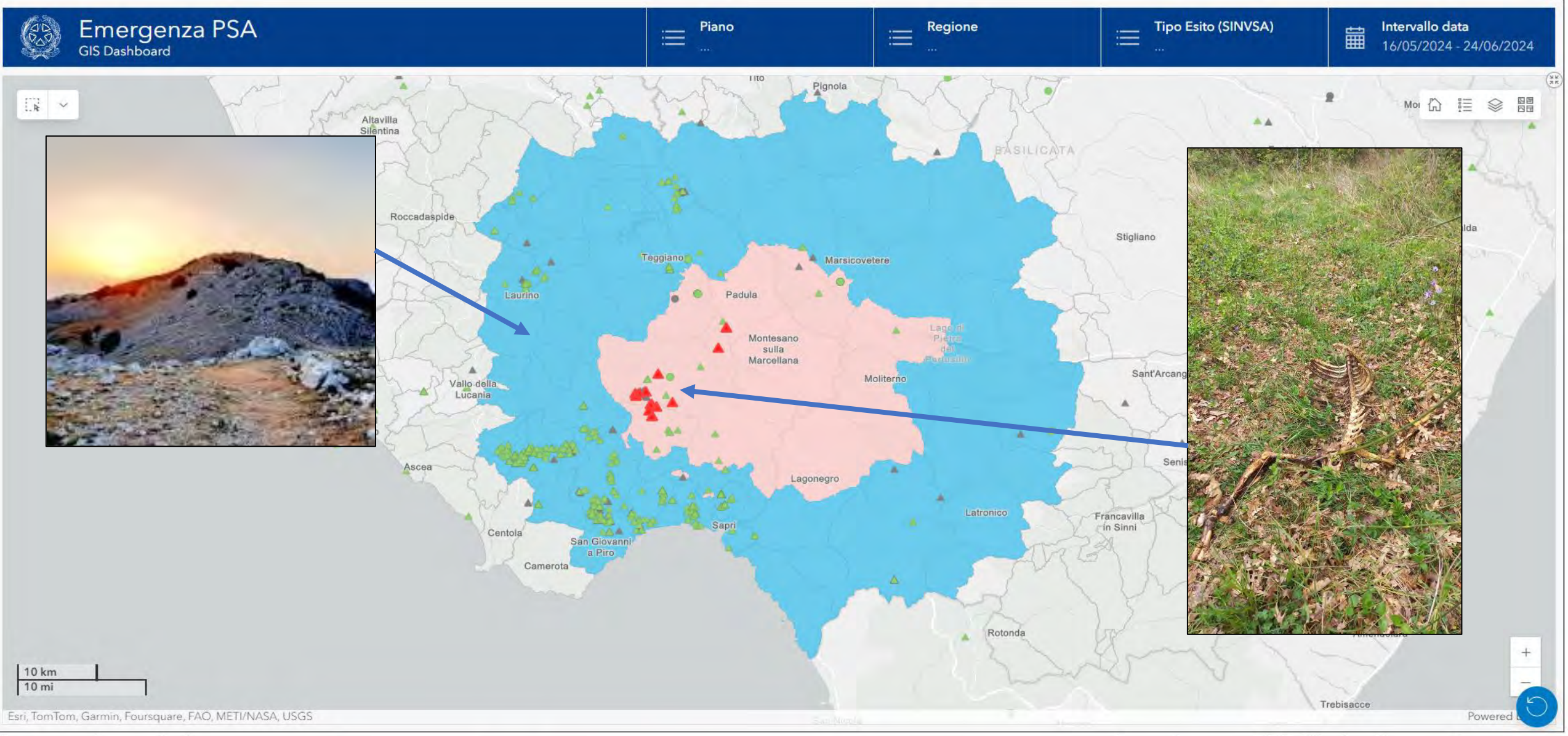
☰ Regione
...

☰ Tipo Esito (SINVA)
...

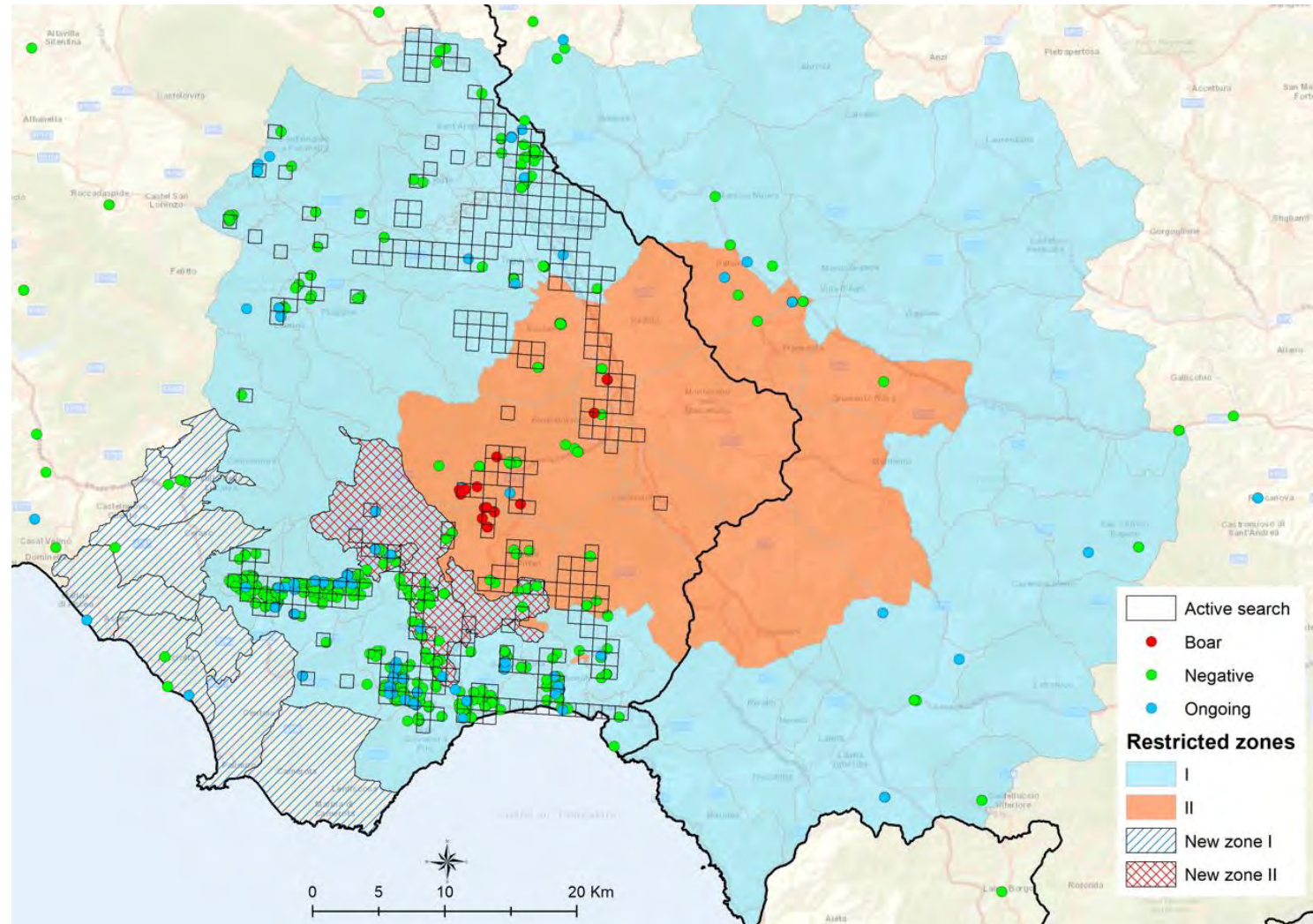
📅 Intervallo data
16/05/2024 - 24/06/2024



ASF surveillance and cases in Campania e Basilicata from 16 May 2024 (last PAFF)



Proposal of enlargement in Campania

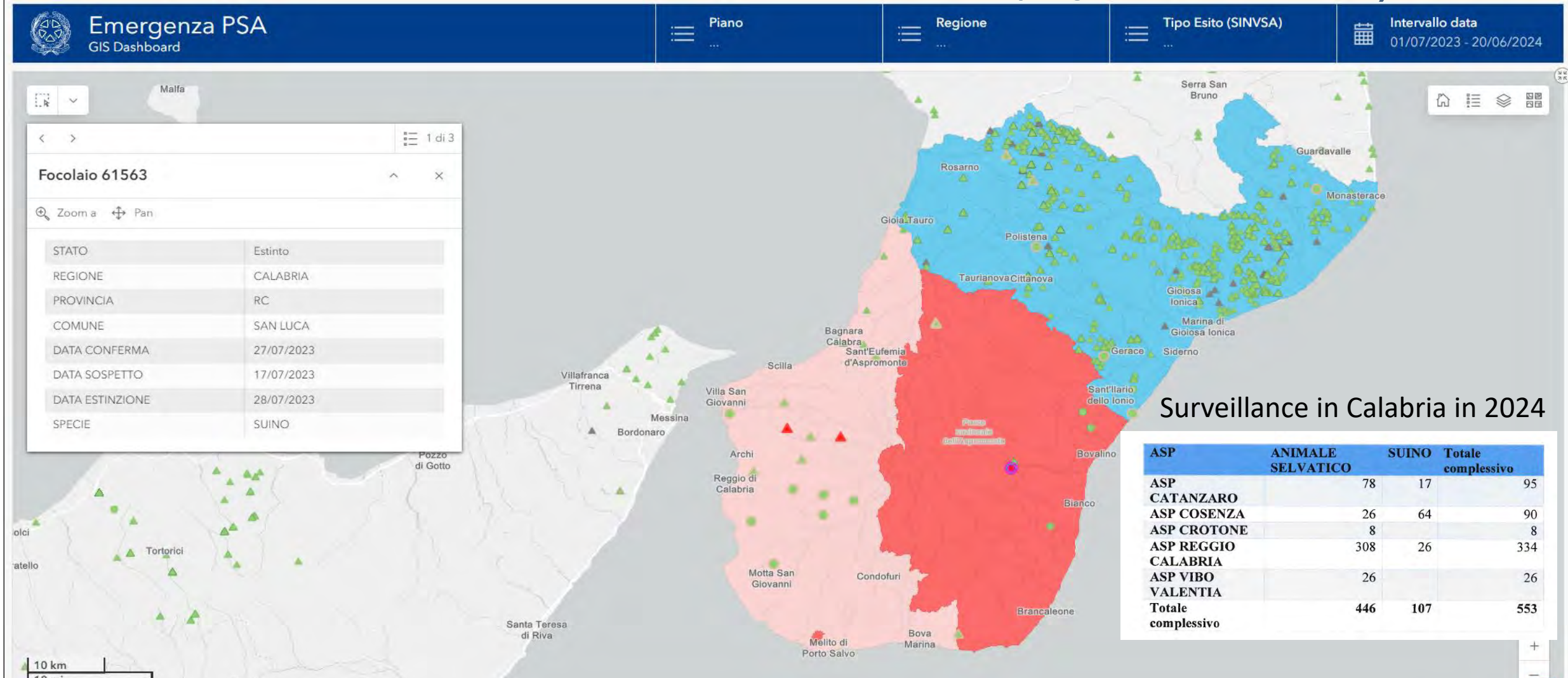


Domestic pig population in the new restricted zones in Campania



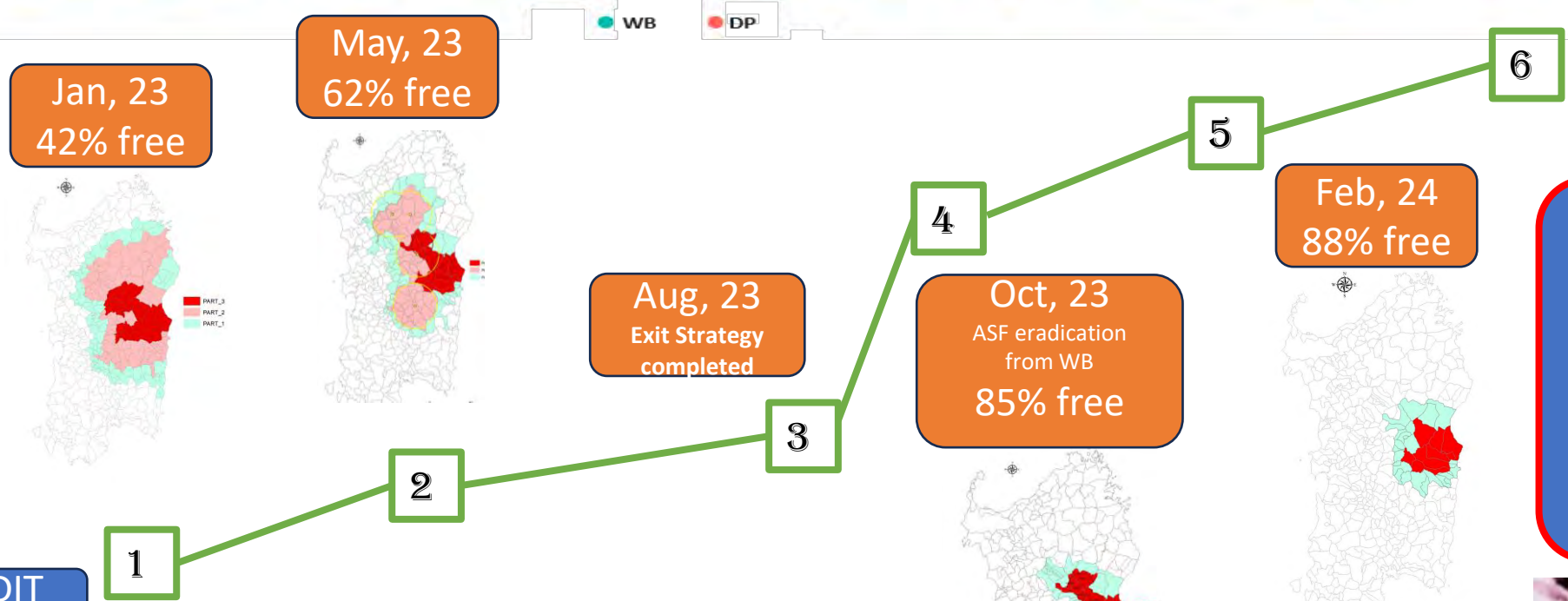
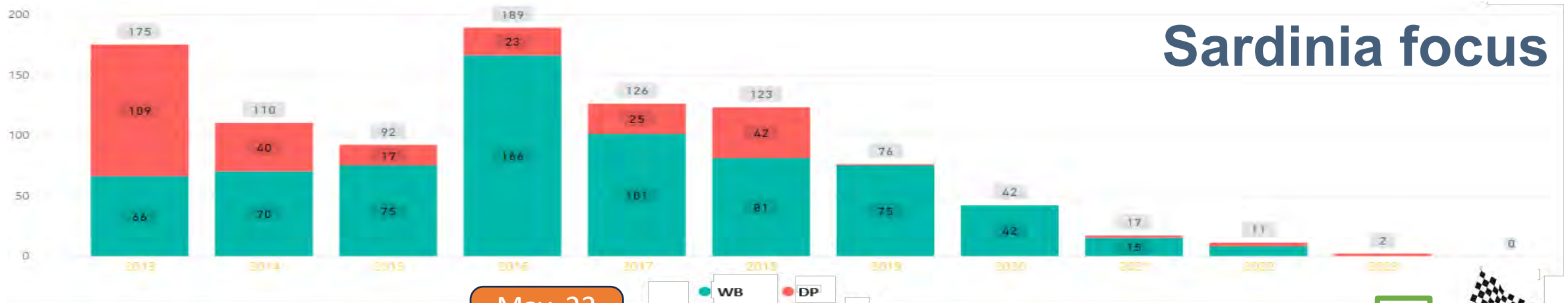
Zone di Restrizione I	ORIENTAMENTO PRODUTTIVO	N° di Aziende aperte	Consistenza Capi alla data corrente
	FAMILIARE	111	345
	PRODUZIONE DA INGRASSO	2	39
Totali		113	384

ASF sorveglianza, cases and outbreaks Calabria (July 2023 – June 2024)



Since May 2023 the Local veterinary service has detected 6 outbreaks all in the same area within a radius of 10km (last closed on the 28th July 2023). The official vets immediately adopted the eradication measures set out in the Regulation 687/2020 including establishment of the protection and surveillance zones, killing and disposal of all the animals kept in the outbreaks and cleaning and disinfection. All the backyard in the restriction zone 3 have been depopulated and the 19 commercial establishments checked for biosecurity. The last positive case in wild boars has been detected on the 23rd November 2023 and at the moment there is no evidence of viral circulation in the wild population on the basis of the results coming from the passive and active surveillance continuously ongoing in the area.

Sardinia focus



New holdings

- + 405 (2022)
- + 292 (2023)
- + 136 (2024)

↑ N of pigs

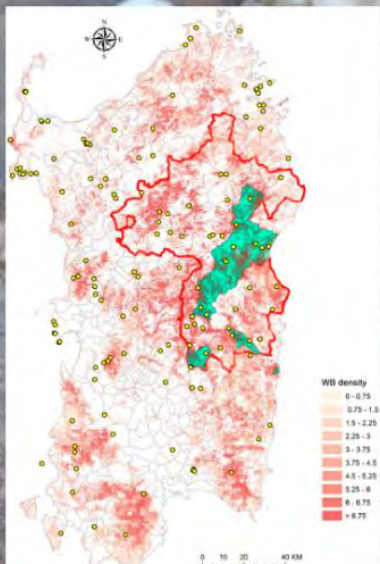


2014
UDP
2021

From 1978

PUBLIC HEALTH GOAL →

ASF passive surveillance standardized protocol



viruses

Passive Surveillance as a Key Tool for African Swine Fever Eradication in Wild Boar: A Protocol to Find Carcasses Tested and Validated in the Mediterranean Island of Sardinia

Wolfskiöld, C. (2023) "Passive Surveillance as a Key Tool for African Swine Fever Eradication in Wild Boar: A Protocol to Find Carcasses Tested and Validated in the Mediterranean Island of Sardinia". *Journal of Wildlife Diseases*, 49(1), 1-10. doi:10.7554/jwd.12345

Work-flow



HOME | I & R | DOMESTICO | CINGHIALI | BRADI | FOCOLAI | ESCI

CAMPAGNA VENATORIA CINGHIALI

CVC annuale | CVC Grafica | Diagnostica | Confronto CVC | Compagnie di caccia | Focus

CAMPAGNA VENATORIA | GIORNATA DI CACCIA | COMUNE DI CACCIA | MESE | AREALE | ZONA

CVC_2023-2024 | Tutte | Tutte | Tutte | Tutte | Tutte

Cinghiali conferiti per giornata di caccia

Giornata	0	1	3	Totale
mercoledì 1 novembre 2023	647	0	0	712
giovedì 2 novembre 2023	57	60	0	117
domenica 5 novembre 2023	656	96	0	778
giovedì 9 novembre 2023	82	95	0	177
domenica 12 novembre 2023	709	78	0	808
giovedì 16 novembre 2023	68	77	0	145
domenica 19 novembre 2023	640	77	0	759
giovedì 23 novembre 2023	48	56	0	104
domenica 26 novembre 2023	440	89	0	565
giovedì 30 novembre 2023	57	0	0	57
domenica 3 dicembre 2023	315	68	0	438
giovedì 7 dicembre 2023	24	0	0	24
venerdì 8 dicembre 2023	65	83	0	148
domenica 10 dicembre 2023	193	72	0	284
giovedì 14 dicembre 2023	26	0	0	26
domenica 17 dicembre 2023	155	0	0	155
giovedì 21 dicembre 2023	24	0	0	24
domenica 24 dicembre 2023	51	0	0	51
martedì 26 dicembre 2023	75	125	0	200
giovedì 28 dicembre 2023	39	0	0	39
domenica 31 dicembre 2023	40	0	0	40
giovedì 4 gennaio 2024	37	0	0	37

Numero di cinghiali conferiti per Asl

Codice quesito: 0 (0), 1 (1), 3 (3)

Asl	0	1	3	Totale
1 SASSARI	1228	216	0	1444
2 GALLURA	1018	0	0	1018
3 NUORO	659	542	197	1398
4 OGLIASTRA	139	0	0	139
5 ORISTANO	781	0	0	781
6 MEDIO CAMPIDANO	127	0	0	127
7 SULCIS	323	0	0	323
8 CAGLIARI	596	0	0	596

Distribuzione conferiti per zona

Zona 0: 4786 (80.33%)
 Zona 1: 896 (14.03%)
 Zona 3: 336 (5.64%)

Cinghiali Conferiti

ZONA	Cinghiali_Conferiti
0	4786
1	896
3	336
Totale	5958

THE HUNTERS

About

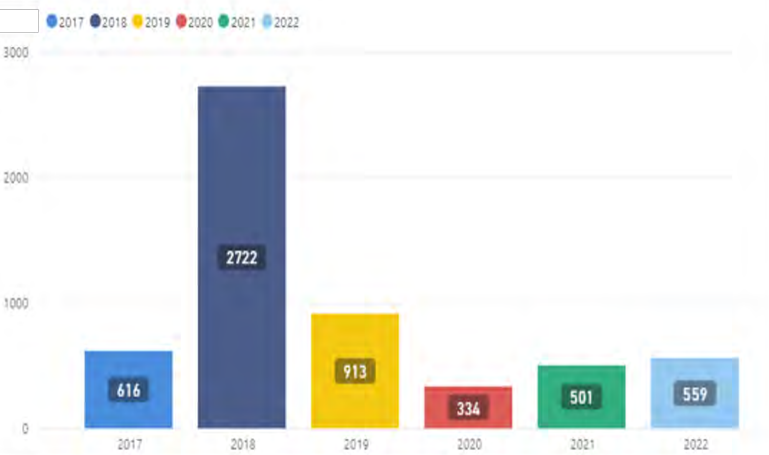
Expert hunters with or without dogs, mainly associated to hunting company

Motivations

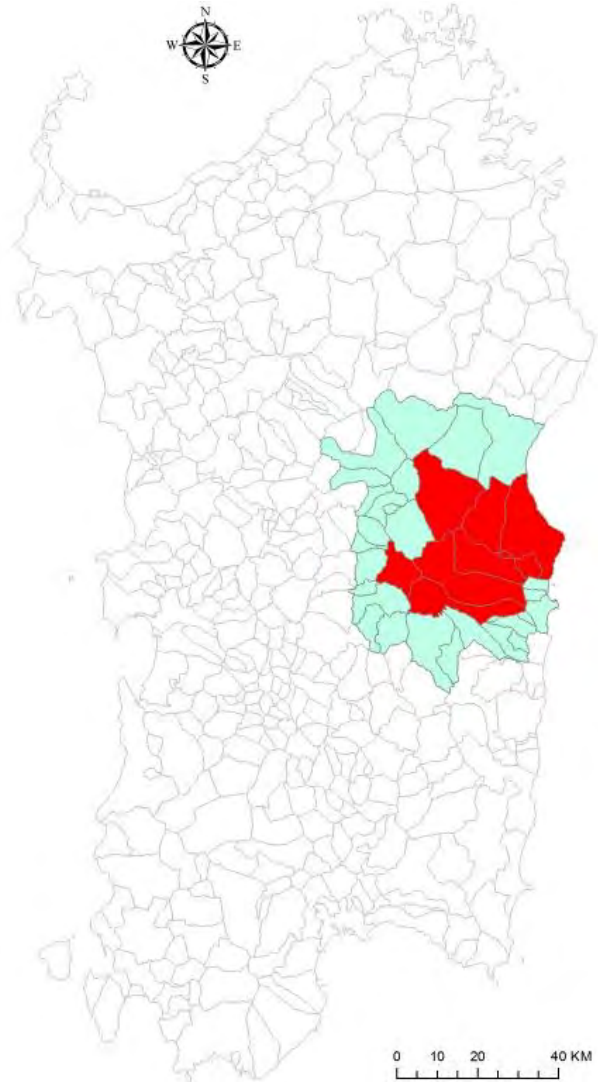
Hunters are highly motivated for ASF eradication, they are easy to contact and gather. Furthermore, they are the most regular visitors, especially given that often they are also farmers and mushroom gatherers. Considering the dense vegetation in Mediterranean habitats that makes it difficult to search for carcasses, their experience is essential.

Pain Points

The role of hunters in ASF surveillance is not well recognized and under discussion for ASF virus spread.

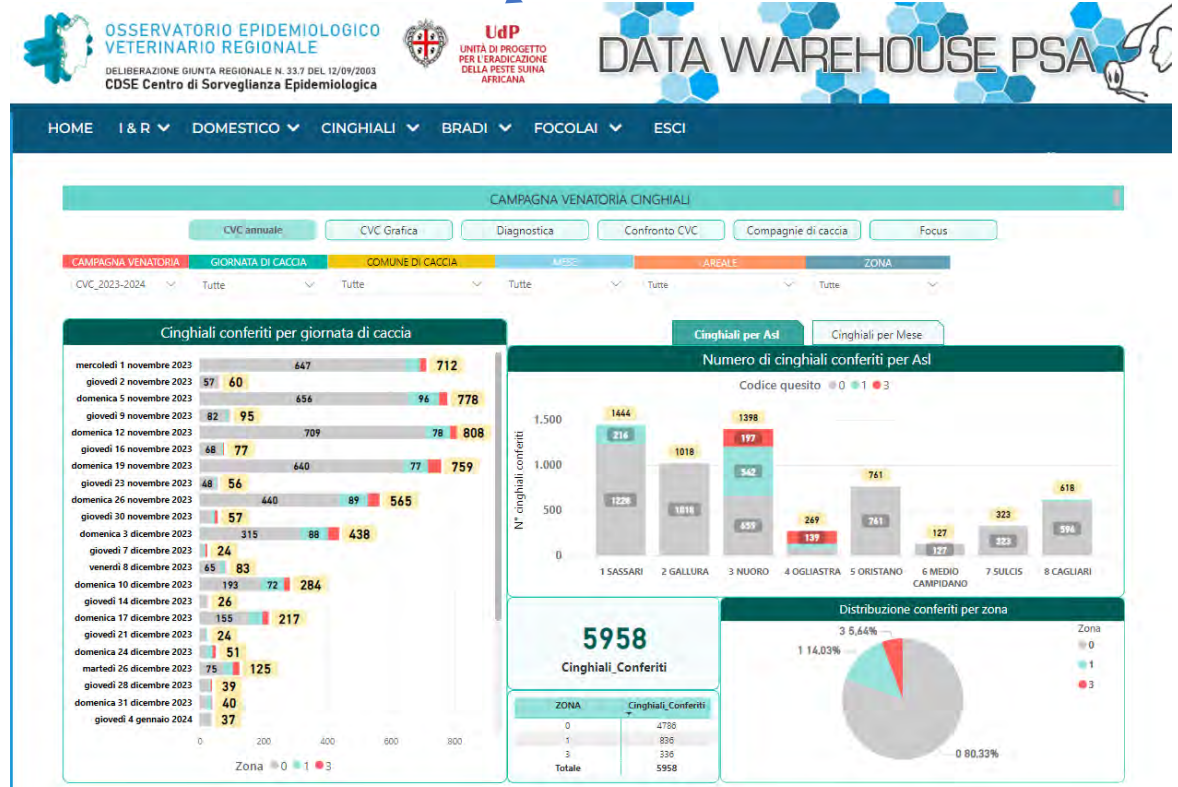
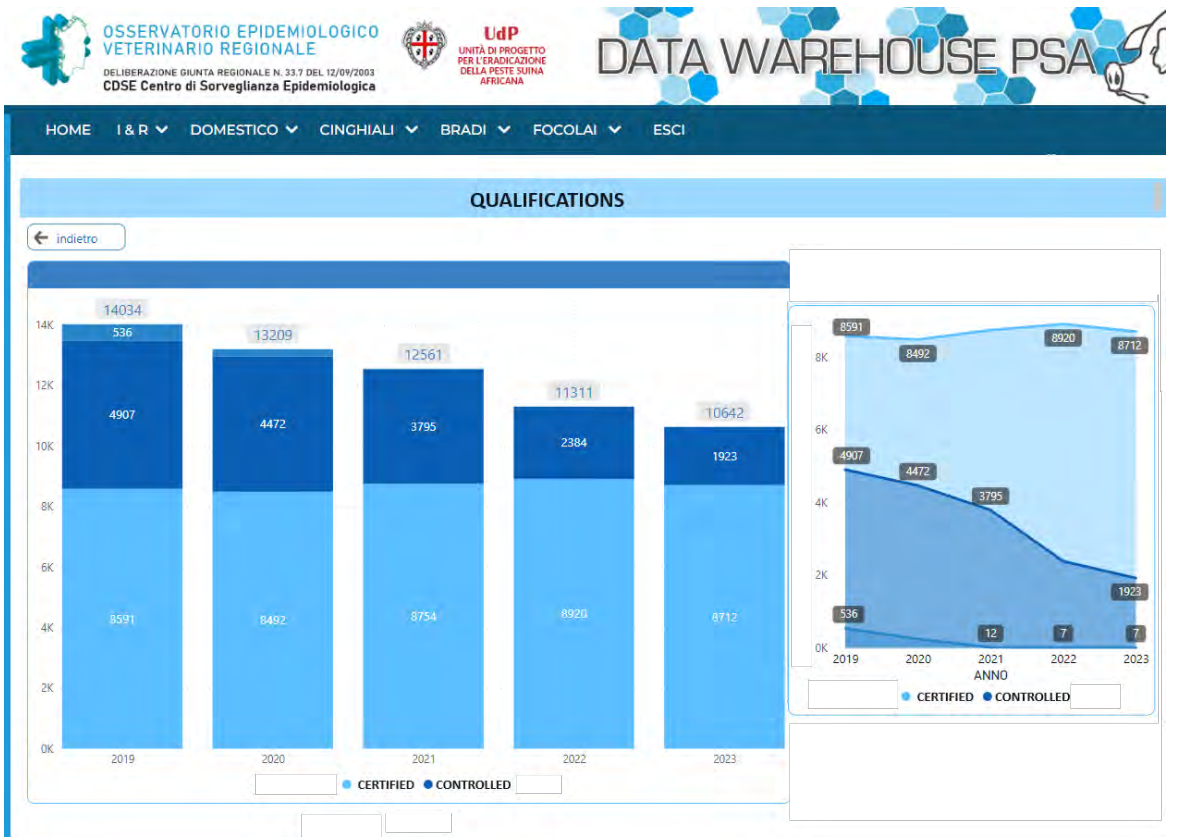


Sardinia focus



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

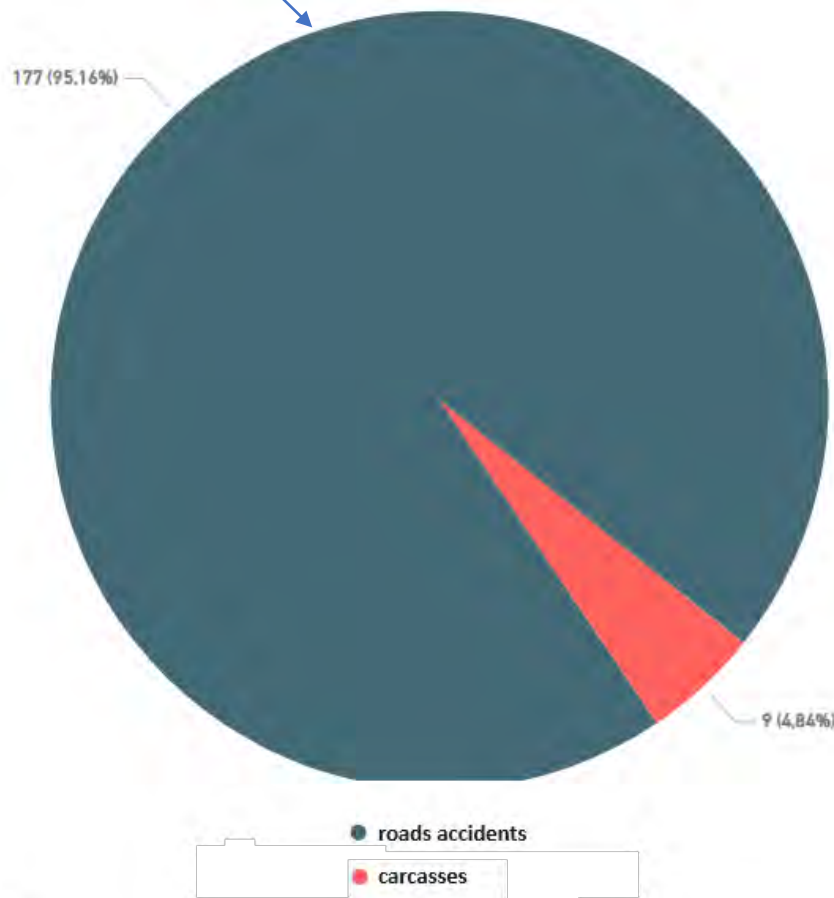
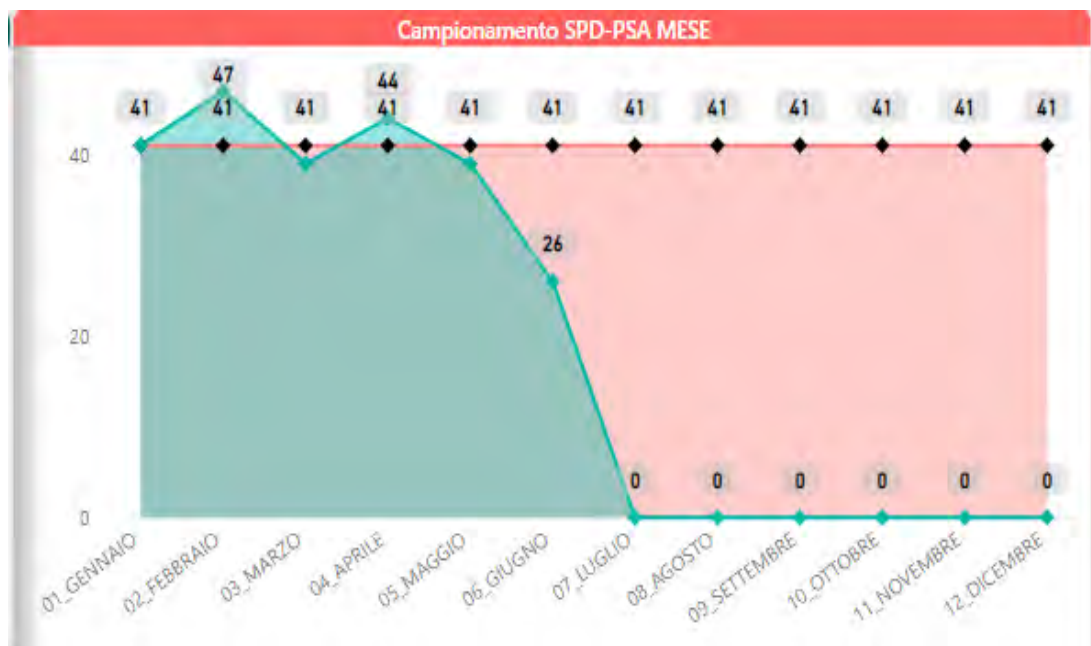
- Active surveillance implemented in domestic and wild animal sectors with favourable results



- Census and registration
- Assessment of conformity of the reproductive parameters
- Alert and official controls
- slaughtering and/or depopulating measures

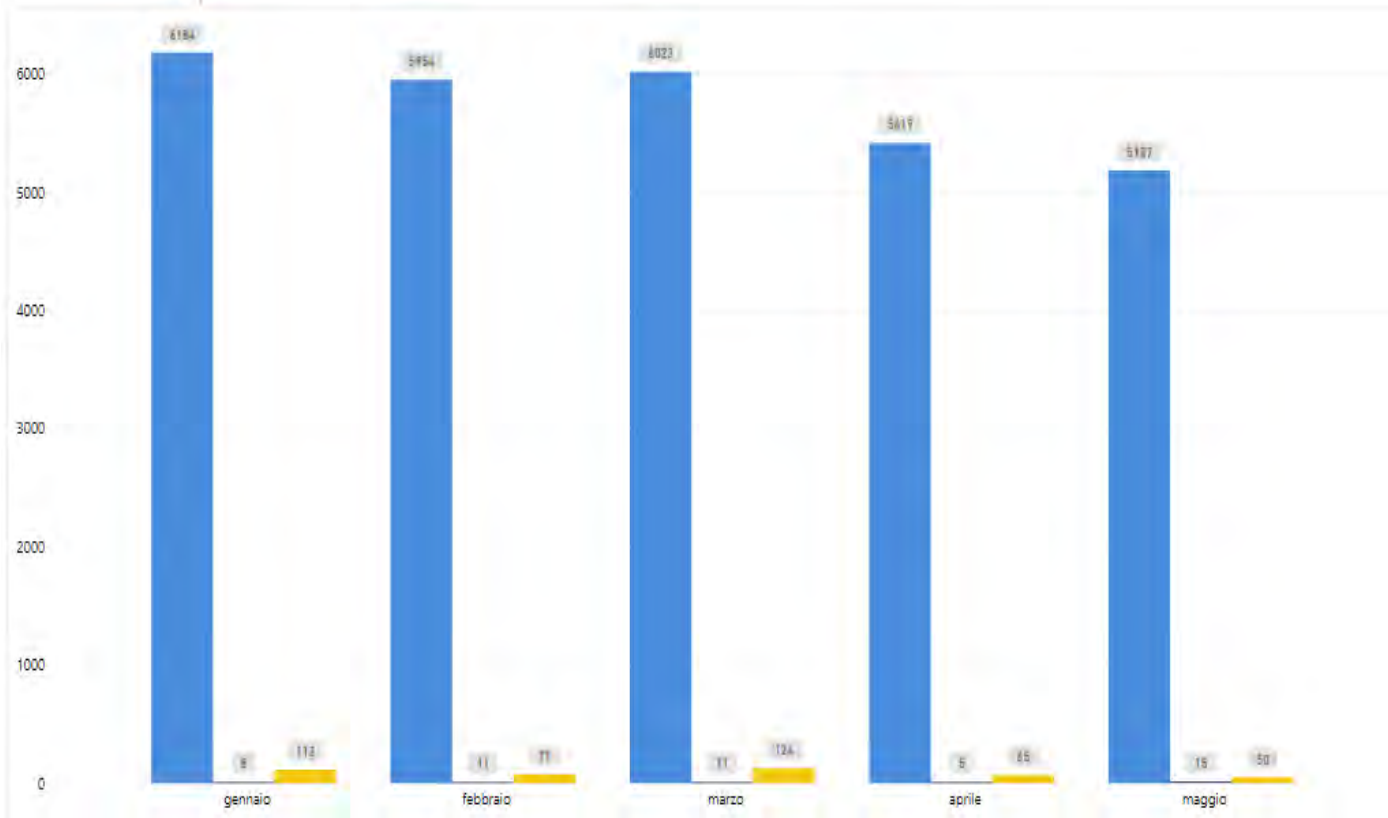
- Hunting and control the WB population

- Passive surveillance implemented in domestic and wild animal sectors with favourable results

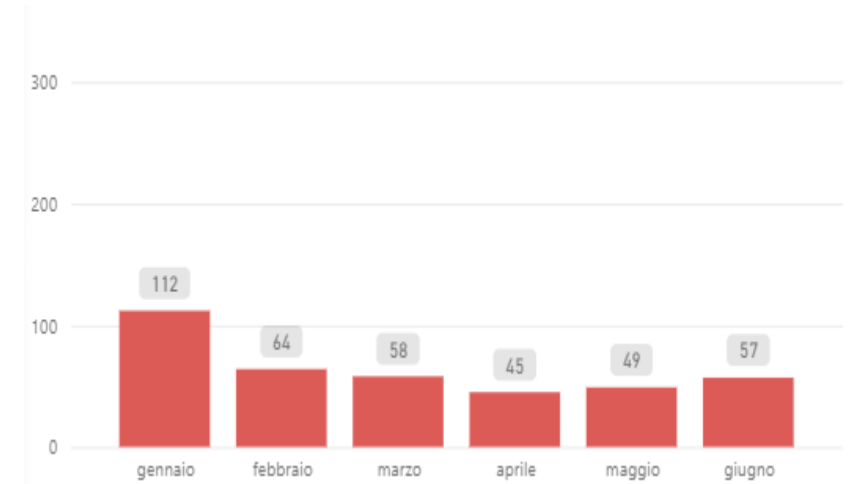


- Head sampled/head to be sample for month in dead DPs*

prohibition on keeping pigs outside registered semi-enclosed or enclosed premises



- *Strong surveillance of the territory to check illegal or free-range animal*



- *N. of animal is drastically reduced*

reporting animals and the management activities (identification or killing) are ongoing

Thank you

