



Ministero della Salute

ASF in Italy

Marco Sordilli

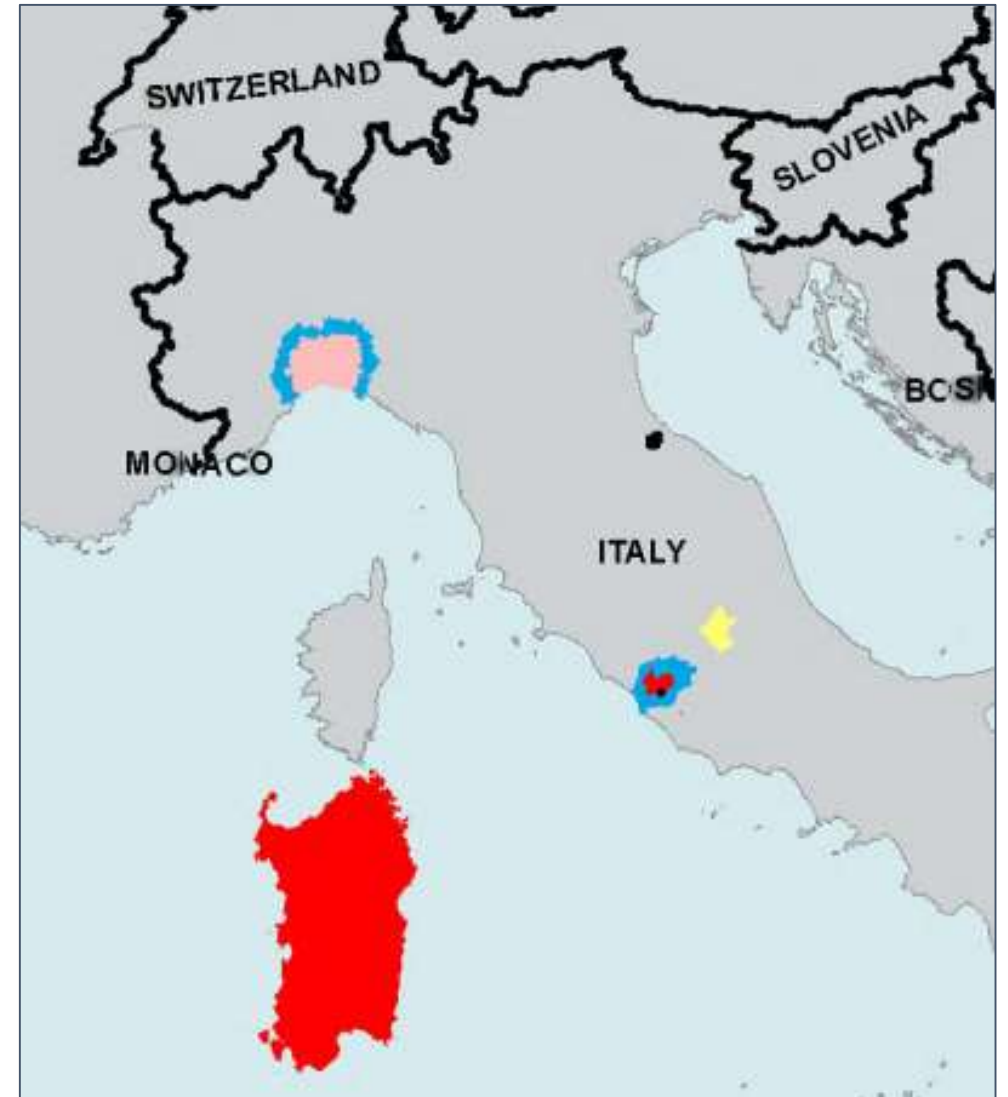
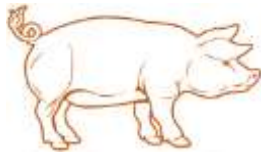
Directorate General for Animal Health and
veterinary medicinal products



ASF in Italy

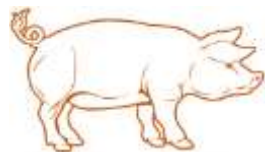
Zoning according Regulation 605/2021:

- Sardinia: Zone III;
- Piedmont and Liguria: Zone I and II;
- Lazio:
 - Rome: Zone I and III;
 - Rieti: infected zone.



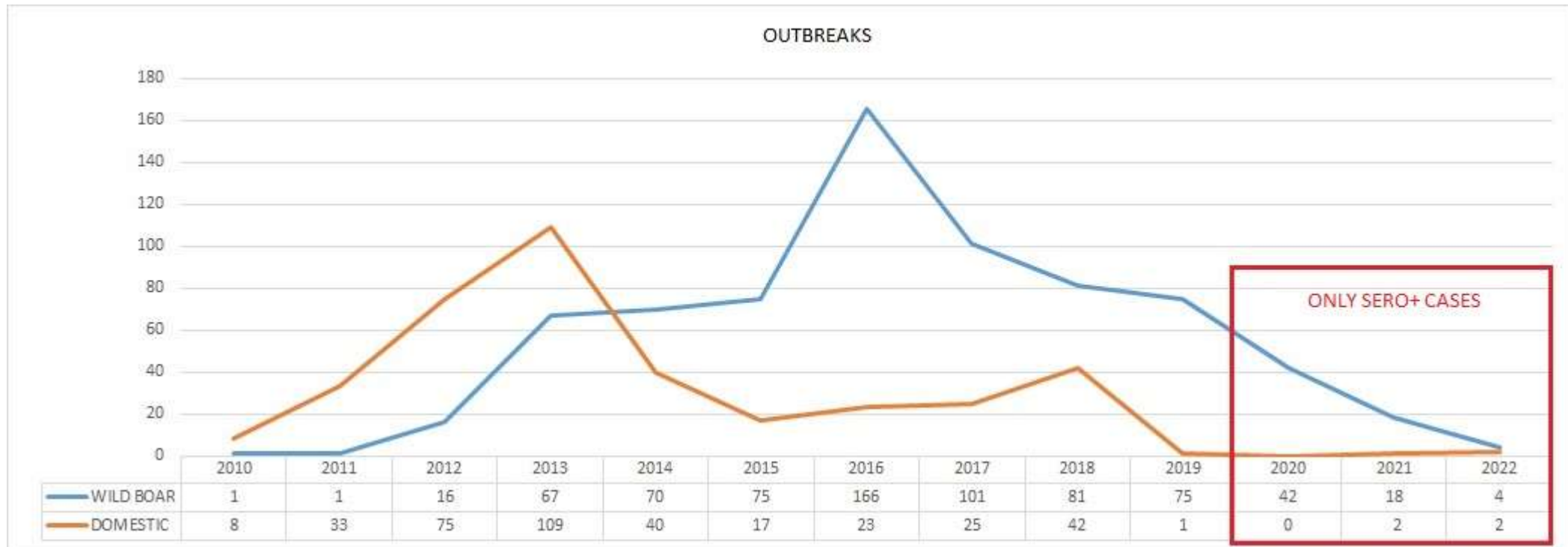
ASF in Sardinia

- last outbreak ASFV+ in domestic pig holdings was confirmed on September 2018
- Last outbreak ASFV+ in illegal free-ranging pigs was confirmed on January 2019
- no virus positive in the last two hunting seasons and during passive surveillance since 8 April 2019 until now



ASF in Sardinia

Cases trend since 2010



ASF in Sardinia

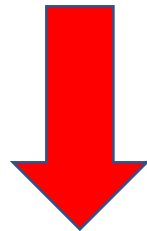
Actions taken in relation to Recommendations Audit 9-19 November 2021 - DG(SANTE) 2021-7344

Recommendation 1

- To take action to improve compliance with the requirements on identification and registration of pigs and the ones for keeping free-range pigs, in particular as regards:
 - adequate keeping of records in the holding registers of all new-born of pigs and their notification to the competent authority, and
 - the prohibition on keeping pigs outside registered semi-enclosed or enclosed premises.

Action taken

- A new procedure has been implemented in addition to the records of the new-born of pigs in the holding registers and in the National Data Bank (NDB). The procedure is included in the II provision of the Extraordinary ASF Eradication Program containing rules about the control of the disease in pigs and pig meat productions for the 2022-2023. The provision has been issued on 11/03/2022 by the ASF Project Unit



Prohibition and culling actions are ongoing



Data provided by IZS Sardegna

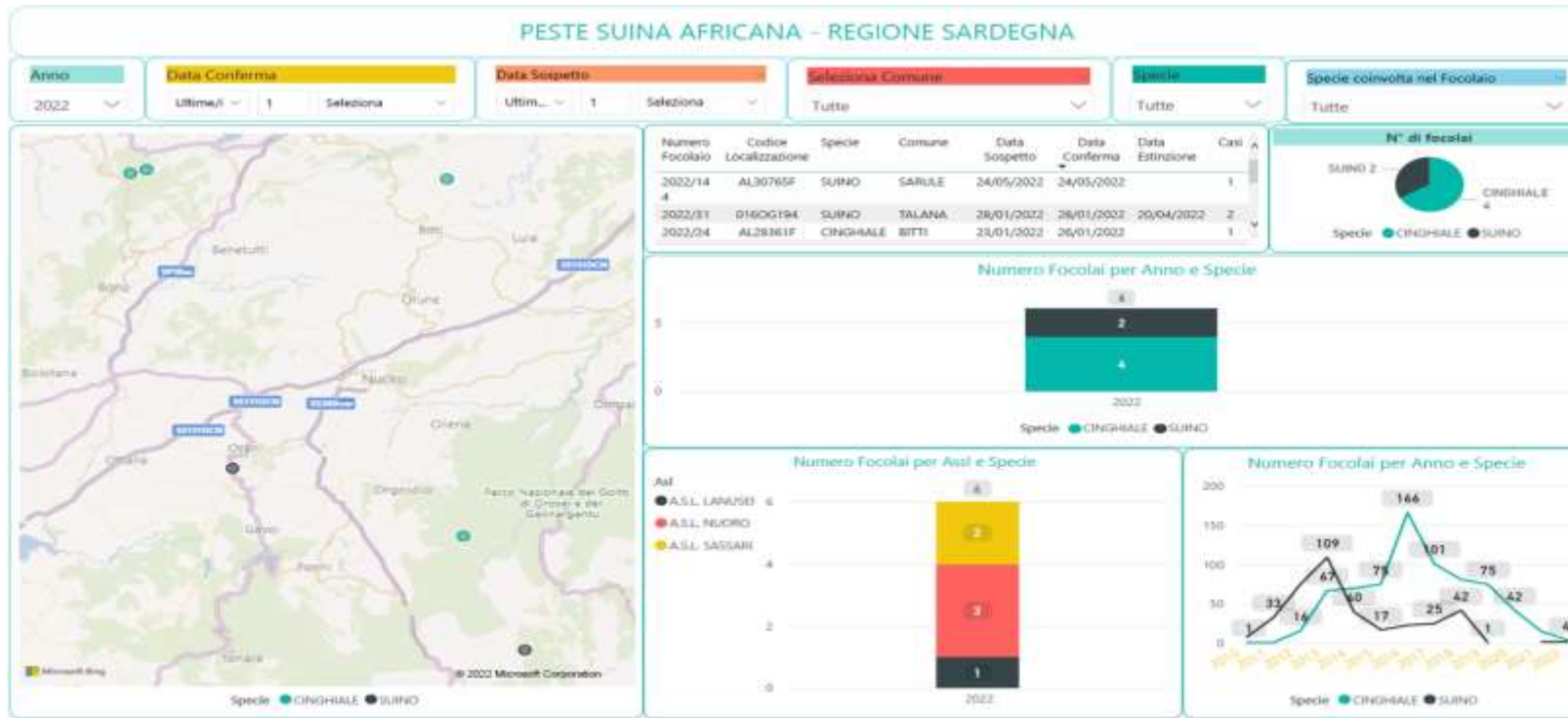
ASF in Sardinia

Recommendation 2

- To ensure that holdings with seropositive pigs are considered as confirmed ASF outbreaks and notified to the Commission and Member States.

Action taken

- The relevant legislation has been applied starting from December 2021, as can be seen from the notification of the ASF outbreaks in SIMAN and ADIS



Data provided by IZS Sardegna

ASF in Sardinia

Recommendation 3

- To carry out effective epidemiological investigations in cases where ASF is confirmed, ensuring that they provide accurate and timely conclusions on the possible origin of the disease and the likely duration of its presence in the affected holding.

Action taken

- The OEVR in collaboration with the National Reference Centre for ASF, supports the veterinary services in carrying out the epidemiological investigation. The digital compilation of the epidemiological investigations on the SIMAN database is mandatory.

REGIONE AUTONOMA DI SARDEGNA
MINISTERO AUTONOMO DELLA SANITA'
REGIONALE
SARDEGNA

Modello di Foglio per l'Indagine della patogenesi clinica
Giugno 2004/2005

Allegato 3 INDAGINE EPIDEMIOLOGICA PER CINGHIALI

STATO	ITALIA
ASL N. 11000 - DISTRETTO DI SASSI	
COMUNE - LOCALITA'	LOCALITA' SASSI
COORDINATE GEOGRAFICHE	LAT. SEGRETO LONG. SEGRETO ALT.
MISURE DI RESTRIZIONE IN ATTO	<input type="checkbox"/> ZONA INFETTA - <input type="checkbox"/> ZONA DI SORVEGLIANZA - <input type="checkbox"/> ZONA DI PROTEZIONE
IDENTIFICAZIONE CARNIALE*	N. ACCETTAZIONE 7888 PROV. SCHEDA M
DISTANZA DALL'AZIENDA SUINA PIU' VICINA	7888
DATA DELL'UCCISIONE/INVIAMENTO	11/03/21
CARCASSA:	<input checked="" type="checkbox"/> 1 = UCCISO <input type="checkbox"/> 2 = TROVATO <input type="checkbox"/> 3 = TROVATO MALATO <input type="checkbox"/> 4 = INVESTITO
GENERALITA' DI CHI HA UCCISO O RITROVATO L'ANIMALE	SPANU GIUSEPPE
ETA'	<input type="checkbox"/> 1 = 0-6 MESI (2 maschi) <input type="checkbox"/> 2 = 6-18 MESI (1) <input type="checkbox"/> 3 = 18-30 MESI (2 maschi) <input type="checkbox"/> 4 = > 30 MESI (1)
SESSO	<input type="checkbox"/> FEMMINA <input checked="" type="checkbox"/> MASCHIO
ESAME VIROLOGICO	<input checked="" type="checkbox"/> 1 = negativo <input type="checkbox"/> 2 = positivo <input type="checkbox"/> 3 = non eseguito
TEST UTILIZZATO	<input type="checkbox"/> 1 = IF <input type="checkbox"/> 2 = isolamento virale <input checked="" type="checkbox"/> 3 = PCR
ESAME SEROLOGICO	<input type="checkbox"/> 1 = negativo <input checked="" type="checkbox"/> 2 = positivo <input type="checkbox"/> 3 = non eseguito
TEST UTILIZZATO	<input type="checkbox"/> 1 = ELISA <input checked="" type="checkbox"/> 2 = immunoblotting
CONFERMA DI FOCOLAI	<input checked="" type="checkbox"/> 1 = confermata <input type="checkbox"/> 2 = non confermata

* Ogni cinghiale deve essere identificato mediante il n. di accettazione assegnato al campione dall'U.O. progressivo (da 1 a 11) che risulta nella scheda di accompagnamento inviato insieme al campione

Allegato n. 12 Sistema di indagine epidemiologica per PSAP/PC
I. ANAGRAFICA AZIENDA

Atti LAVORI	Direttore TOROPI
Codice Azienda: 01400104	Posizione: NO
Comune: TILIGNA	
Localita': SASSI	
Indirizzo: VIA MANGIONI N. 3/A	
Proprietario: MARIO CRISTANI	
Determina (solo se diverso dal proprietario)	
Lat: 40.0358	Long: 1.4821

II. TIPOLOGIA DELL'AZIENDA

Specie allevate: Tursi Cinghiali Dicotilide

Tipologia di struttura	Indirizzo produttivo	Modalita' di allevamento
<input checked="" type="checkbox"/> allevamento	<input checked="" type="checkbox"/> riproduzione (2000-25000)	<input type="checkbox"/> libero
<input type="checkbox"/> centro ricettivo	<input type="checkbox"/> riproduzione (200-25000)	<input checked="" type="checkbox"/> semi-libero
<input type="checkbox"/> stalla di sosta	<input type="checkbox"/> ingrosso	<input type="checkbox"/> abbattuto
Stalla annessa a un'azienda	<input type="checkbox"/> senza connessione	

Indirizzo allevamento: S.S. 1/No

Se si alleva specie: Capre e... Bovini e... Equini e...
+ Cani (n. ...) + Sott. (n. ...) + altre (specie) (n. ...)

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Modello di Foglio per l'Indagine della patogenesi clinica
Giugno 2004/2005

PROGRAMMA ATTIVITA' FORMATIVE 2021

DATA	LUOGO	RIVOLTO A	PROGRAMMA
21 APRILE 2021	ASL SANTA RAS	SERVIZIO VETERINARI	- Situazione PSA - 2 provvedimenti UDP e attività
22 GIUGNO 2021	ASL SANTA RAS	SERVIZIO VETERINARI	- Situazione PSA - 2 provvedimenti UDP e attività
LUGLIO 2021		ASL 1, ASL 2, ASL 3, ASL 5	- Situazione PSA e livello nazionale - 2 provvedimenti UDP e attività - sul strategy ed valutazione - merito introduzione genotipo 2 - ASL
SETTEMBRE 2021		ASL 4, ASL 6, ASL 7, ASL 8	- Situazione PSA e livello nazionale - 2 provvedimenti UDP e attività - 4 provvedimenti UDP e attività - sul strategy ed valutazione - merito introduzione genotipo 2 - ASL
SETTEMBRE 2021		Referenti cacciatori zona infetta nord	- 4 provvedimenti udp, modifiche e attività - sorveglianza passiva obbligatoria segnalazione cattedra
OCTOBRE 2021		Referenti cacciatori zona infetta nord	- 4 provvedimenti udp, modifiche e attività - sorveglianza passiva obbligatoria segnalazione cattedra
SETTEMBRE 2021		Referenti cacciatori zona infetta sud	- 4 provvedimenti udp, modifiche e attività - sorveglianza passiva obbligatoria segnalazione cattedra
OCTOBRE 2021		Referenti cacciatori zona infetta sud	- 4 provvedimenti udp, modifiche e attività - sorveglianza passiva obbligatoria segnalazione cattedra

Training plan for vet and hunters

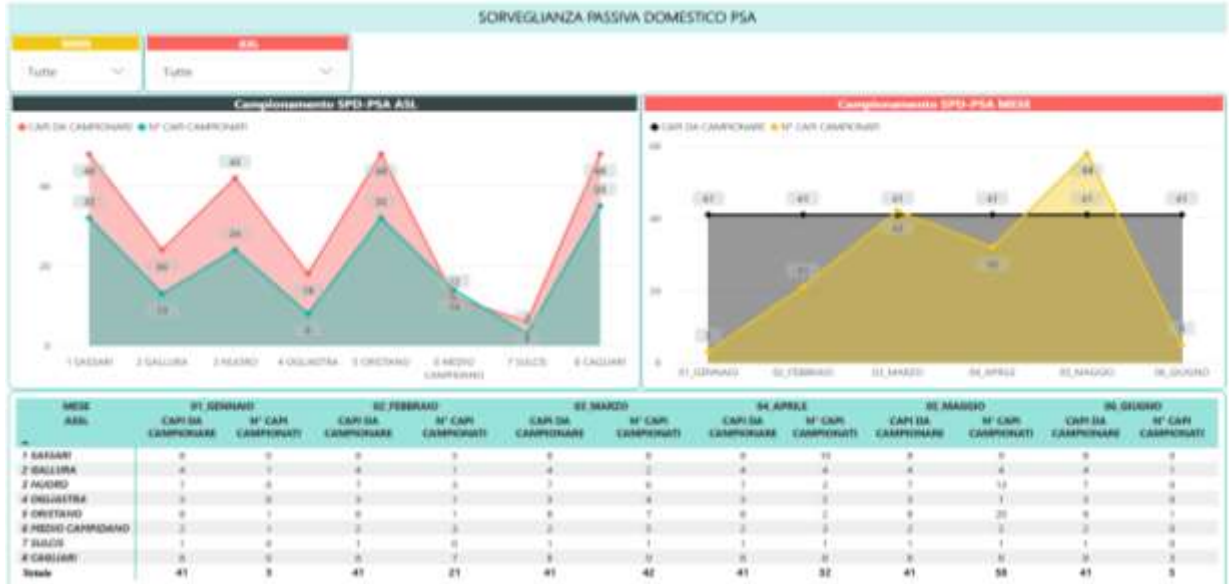
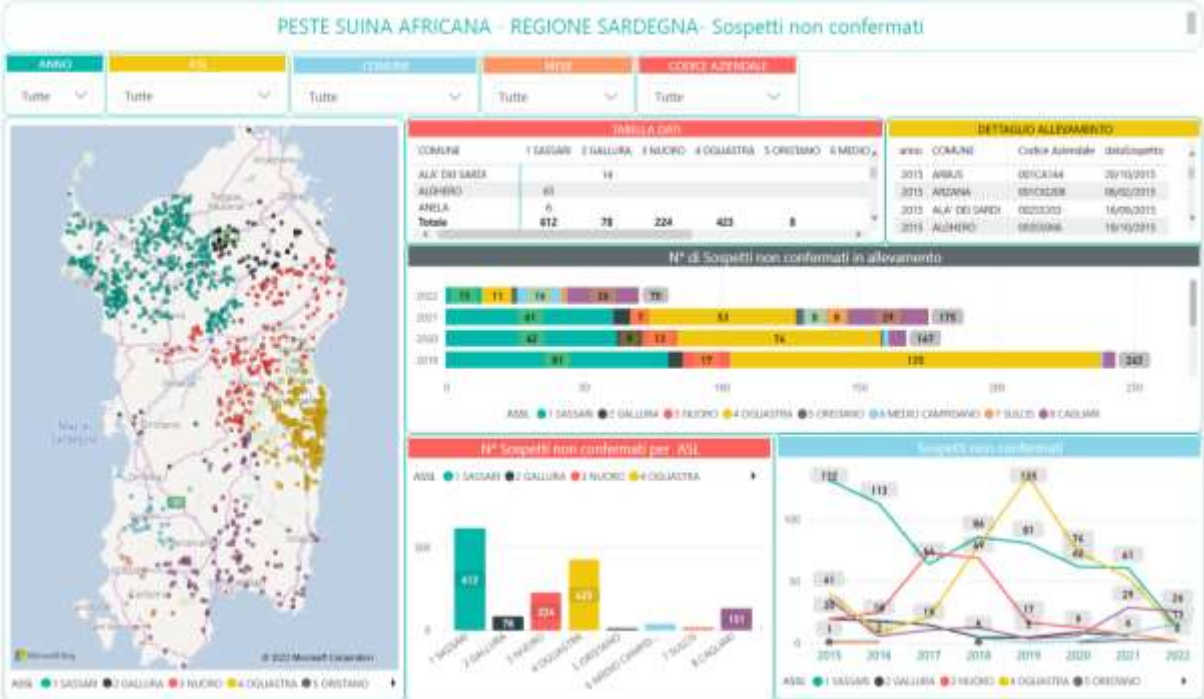
ASF in Sardinia

Recommendation 4

- To ensure that passive surveillance covers and is representative for the entire kept porcine population and meets the objectives of early detection of the presence of ASF virus in this population.

Action taken

- The new procedure on passive surveillance in domestic pigs was adopted with UdP note prot. 77 del 09/02/2022 (Annex 2) and is included in the II provision of the Extraordinary ASF Eradication Program. The procedure is aimed to ensure adequate and uniform passive surveillance all over the region. The procedure is based on a sample size representative of the expected dead pigs population, aimed to detect a disease prevalence less than 0.5% (confidence level 95%).



Data provided by IZS Sardegna

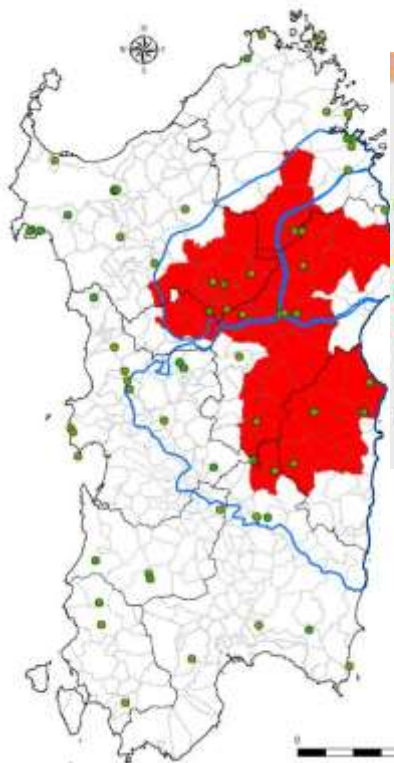
ASF in Sardinia

Recommendation 5

- To ensure practical arrangements are put in place to increase the number of dead wild boar sampled and tested for ASF in order to make passive surveillance representative for the entire wild porcine population and meet the objectives of early detection of the presence of ASF virus in this

Action taken

- The wild boar passive surveillance is already in place throughout the region and will be ensured and strengthened. The OEVR has already delivered a specific procedure for implementing the EFSA Exit strategy for Sardinia. The UdP is implementing an intervention plan to enhance the search for wild boar carcasses throughout the region, according to EFSA guidelines.



Banca Dati Percorsi Monitoraggio PSA

Provincia	Categoria	Intervallu	Data	000 Litari	000 Euro	000 Litari	000 Euro	000 Litari	000 Euro	000 Litari	000 Euro
SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA



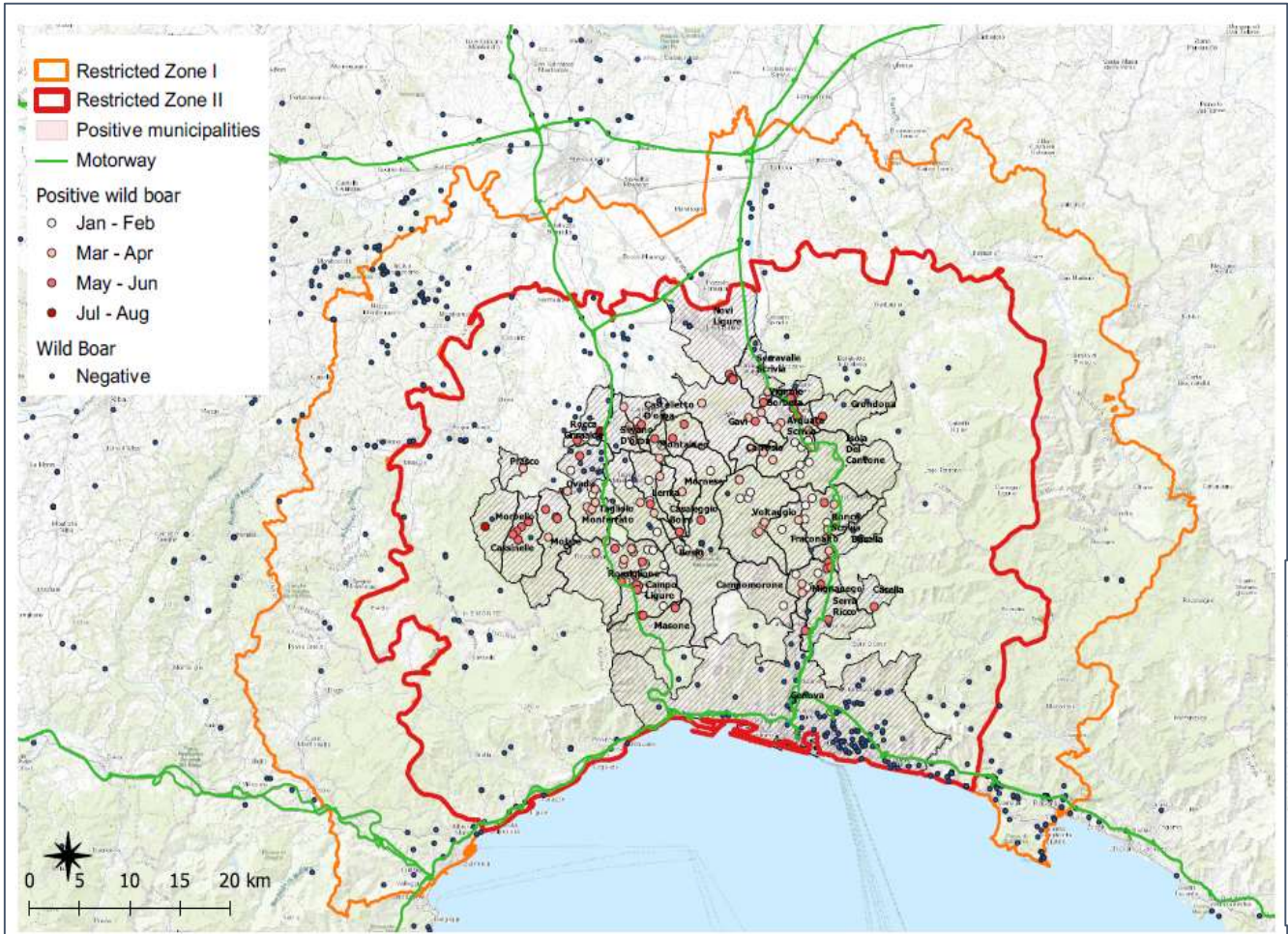
Article

Changes in Estimating the Wild Boar Carcasses Sampling Effort: Applying the EFSA ASF Exit Strategy by Means of the WBC-Counter Tool

Stefano Cappai ¹, Ileana Baldi ², Pietro Desini ³, Antonio Pintore ⁴, Daniele Denurra ⁵, Marcella Cherchi ⁴, Sandro Rolesu ¹, Daniela Mandas ¹, Giulia Franzoni ⁵, Mariangela Stefania Fiori ⁵, Annalisa Oggiano ⁵, Francesco Feliziani ⁶, Vittorio Guberti ⁷ and Federica Loi ^{1,2,*}

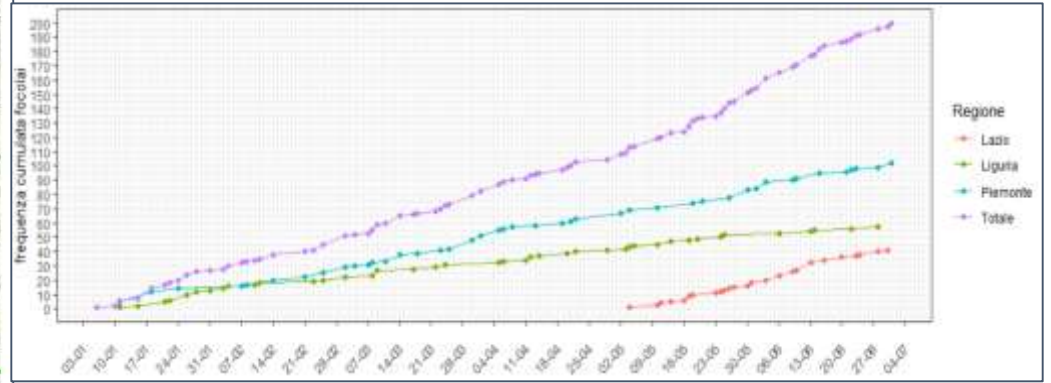


ASF in Piedmont and Liguria



Piedmont:
- 102 positive wild boars

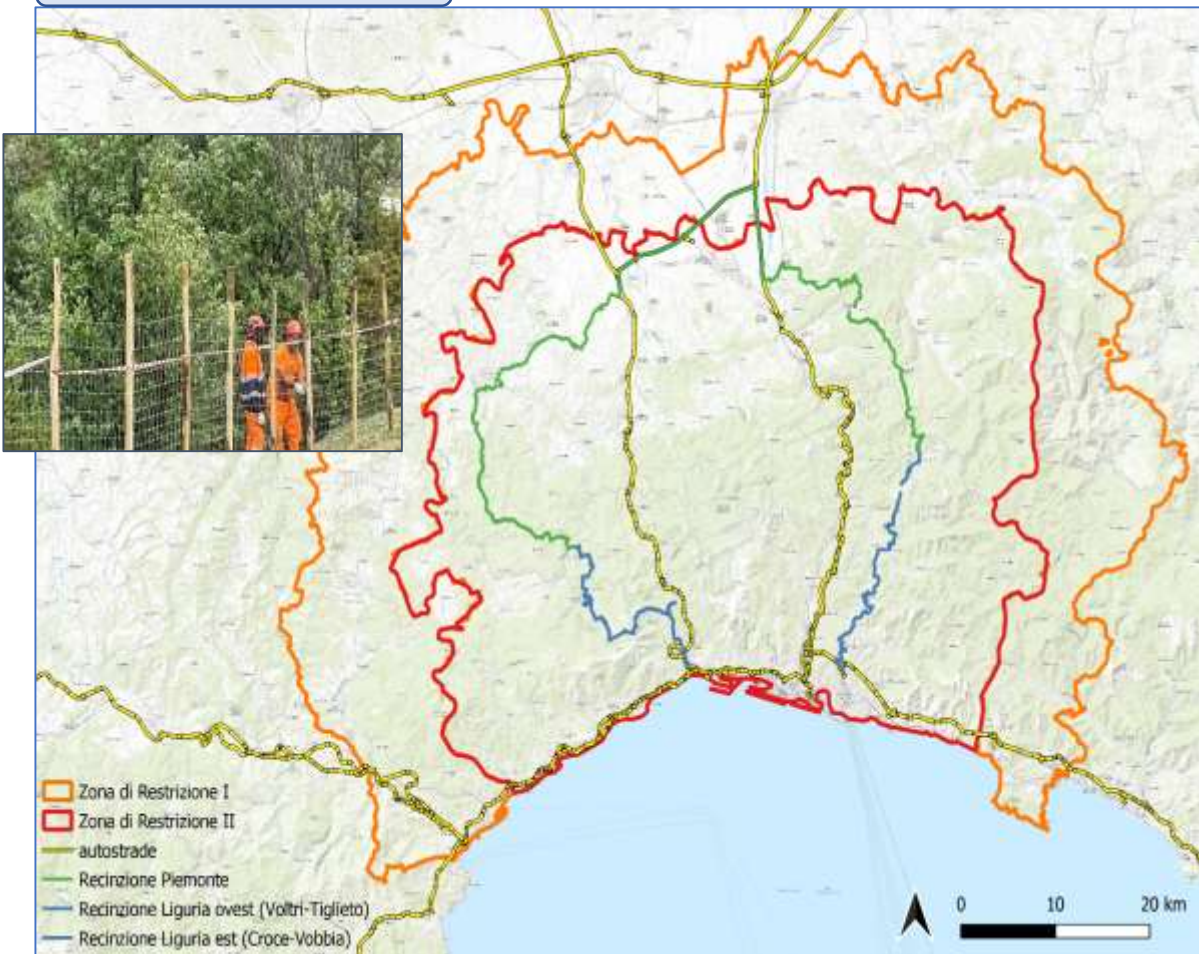
Liguria:
- 57 positive wild boars



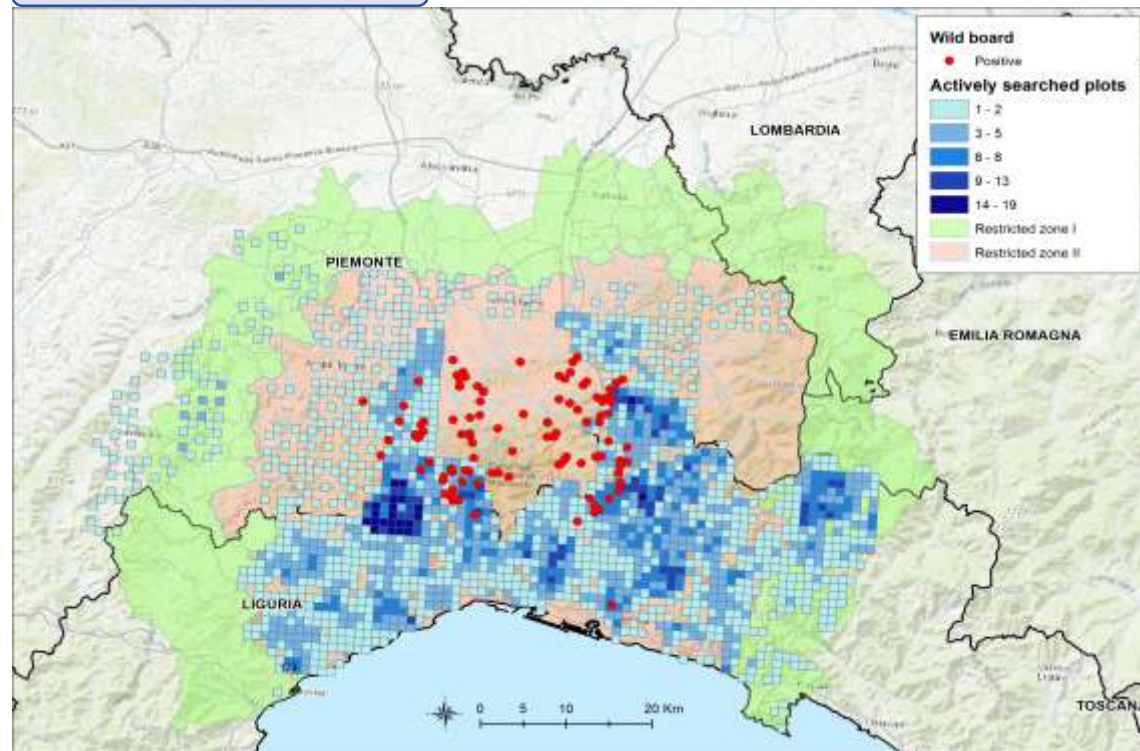
Data provided by IZS Piemonte, Liguria e Valle D'Aosta

ASF in Piedmont and Liguria

Fencing



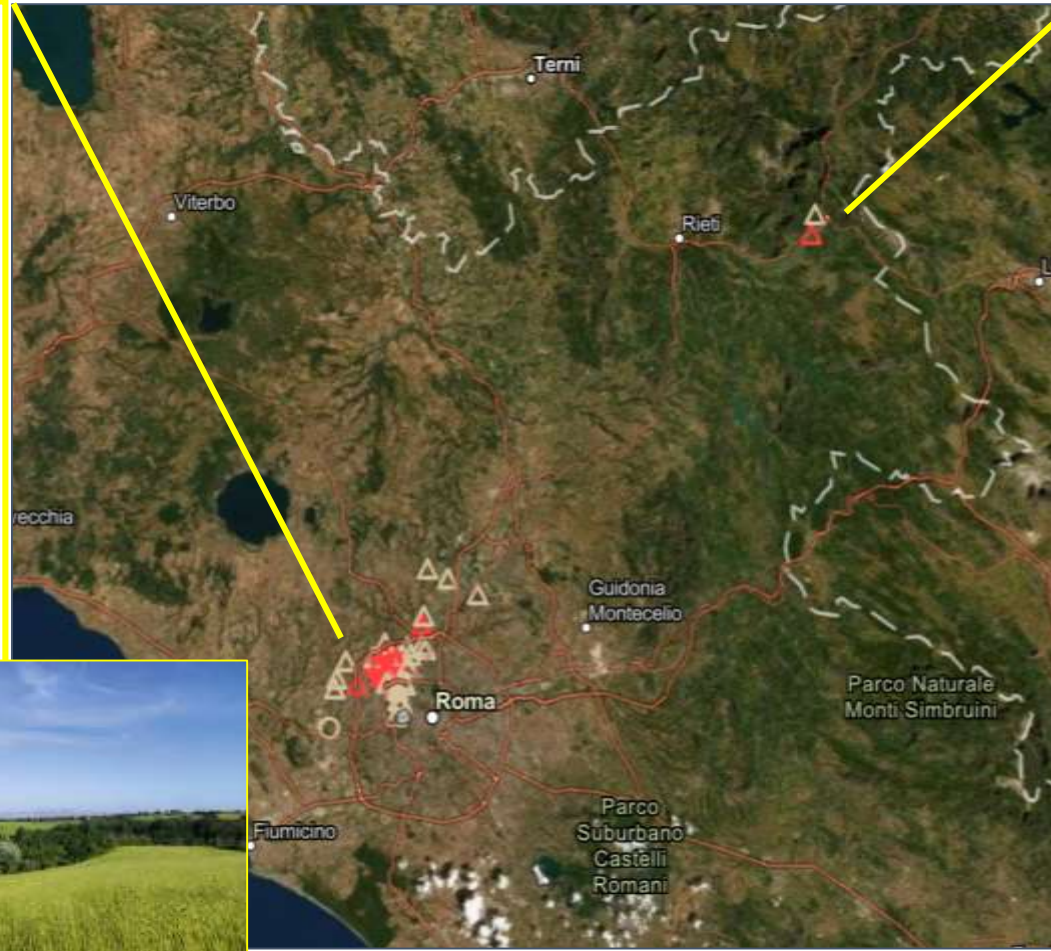
Search of carcasses



	Days of active searching of carcasses	Active searching (media per day)	Km (media per days)
<i>Piemonte</i>	87	1044 (12)	1044 (12)
<i>Liguria</i>	116	1516 (13)	4683 (40)
<i>Emilia-Romagna</i>	29	205 (7)	739 (25)
<i>Lombardia</i>	46	303 (7)	571 (12)
<i>Toscana</i>	4	91 (22)	150 (37)

Data provided by IZS Abruzzo e Molise

ASF in Lazio



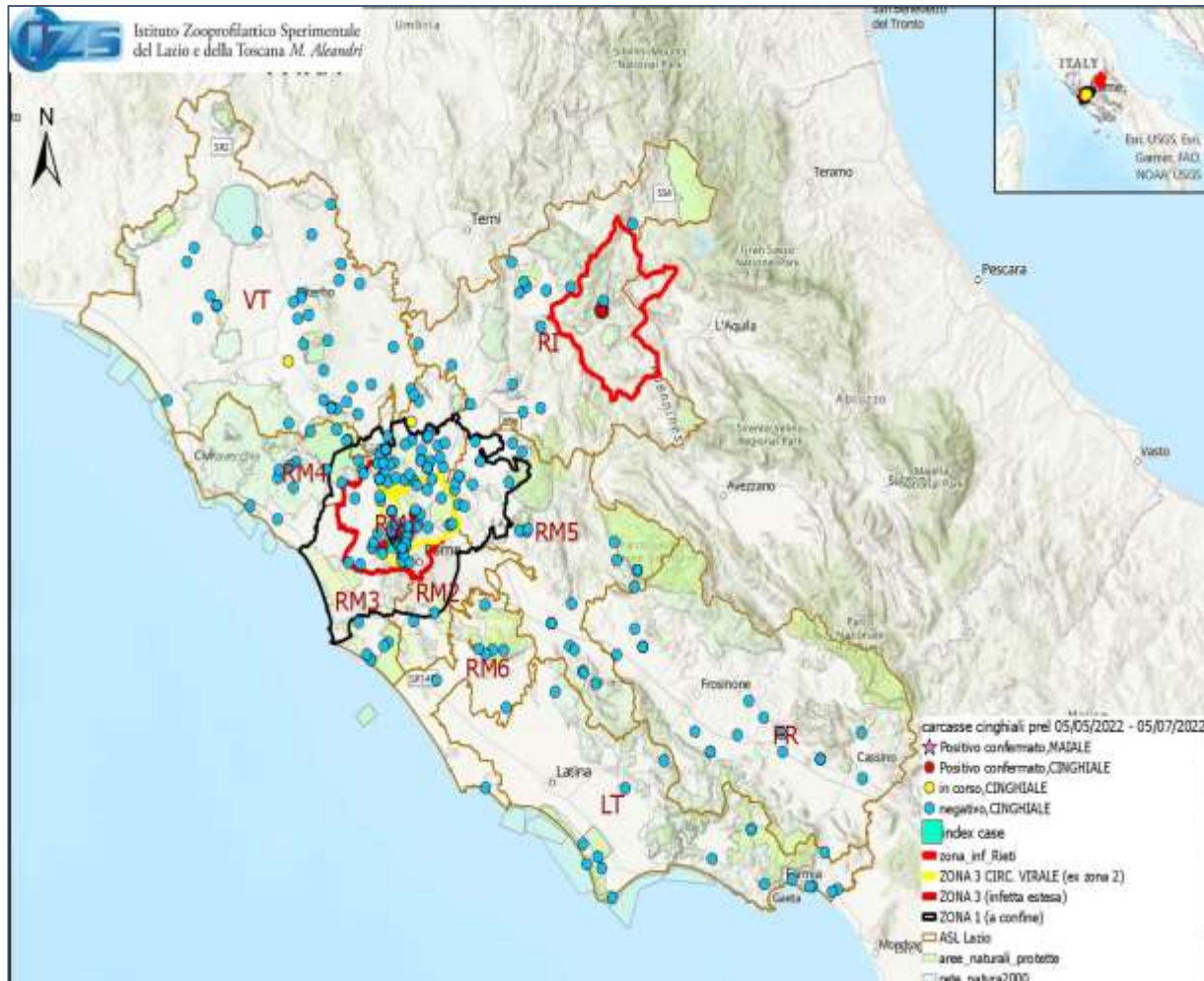
Rome:

- 40 positive wild boars
- 1 outbreak in domestic

Rieti:

- 1 positive wild boar

ASF in Lazio



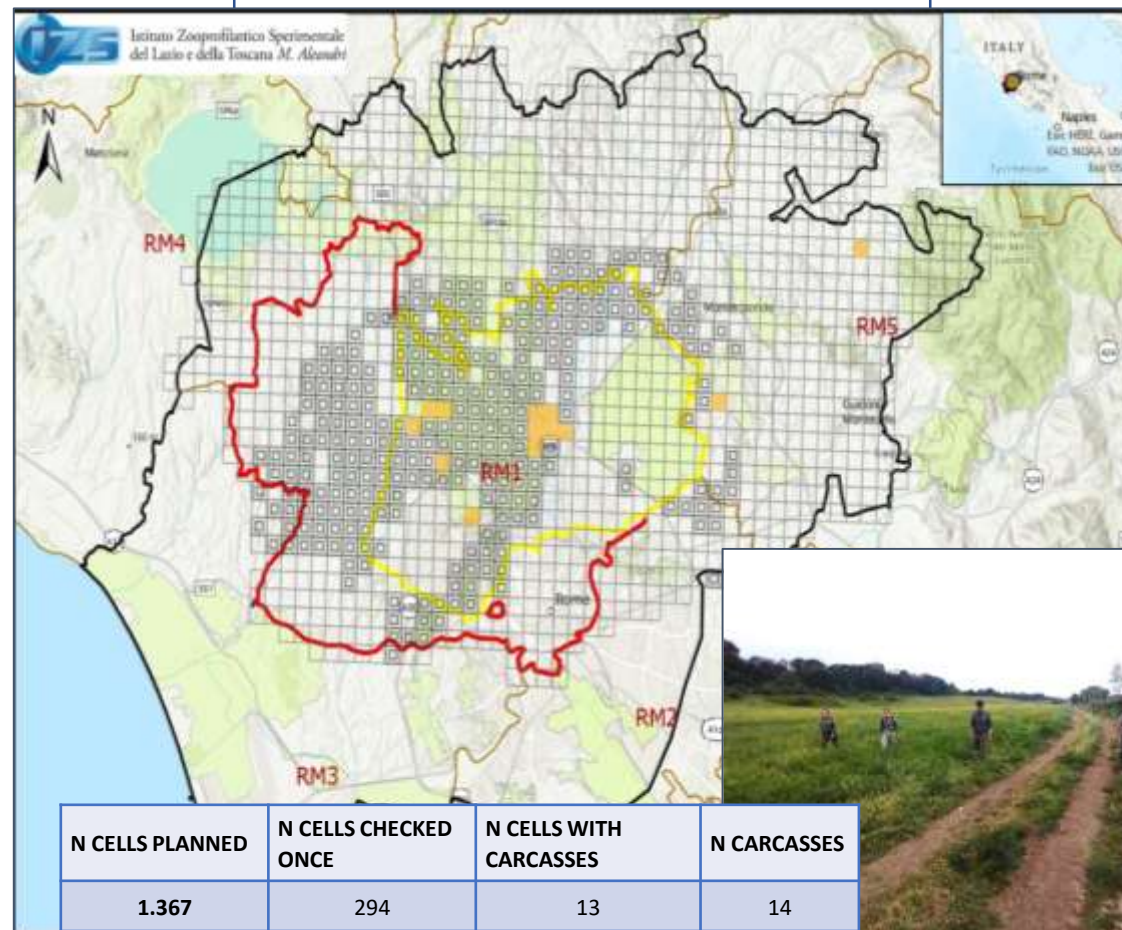
Zones	ASL	Position GRA	N samples	Positives	Negatives	ongoing
ROME						
Zone IIP (ex zone II)						
	RM1	within GRA	62	38	24	
		outside GRA	36	2	34	
Zone III (new part)						
	RM1	outside GRA	10		10	
Total Zone III						
	RM1		108	40	68	0
zone I						
	RM 3		0		0	
	RM2		1		1	
	RM4		40		39	1
	RM5		9		9	
Total zone I and III						
			50	0	49	1
free area (Rome)						
	RM2		1		1	
	RM3		6		6	
	RM4		14		13	1
	RM5		23		23	
	RM6		8		8	
Totale free area						
			52	0	51	1
Total ROME						
			210	40	168	2
RIETI						
infected zone						
	RIETI		2	1	1	
free zone						
	RIETI		14		14	
Total						
			16	1	15	
OTHER FREE AREA LAZIO						
	FROSINONE		21		21	
	LATINA		18		18	
	VITERBO		35		34	1
Total OTHER FREE AREA LAZIO						
			74	0	73	1
Total LAZIO						
			300	41	256	3

Data from 05/05/2022 provided by IZS Lazio e Toscana

ASF in Rome

Closing of passes in the GRA

Active search of carcasses



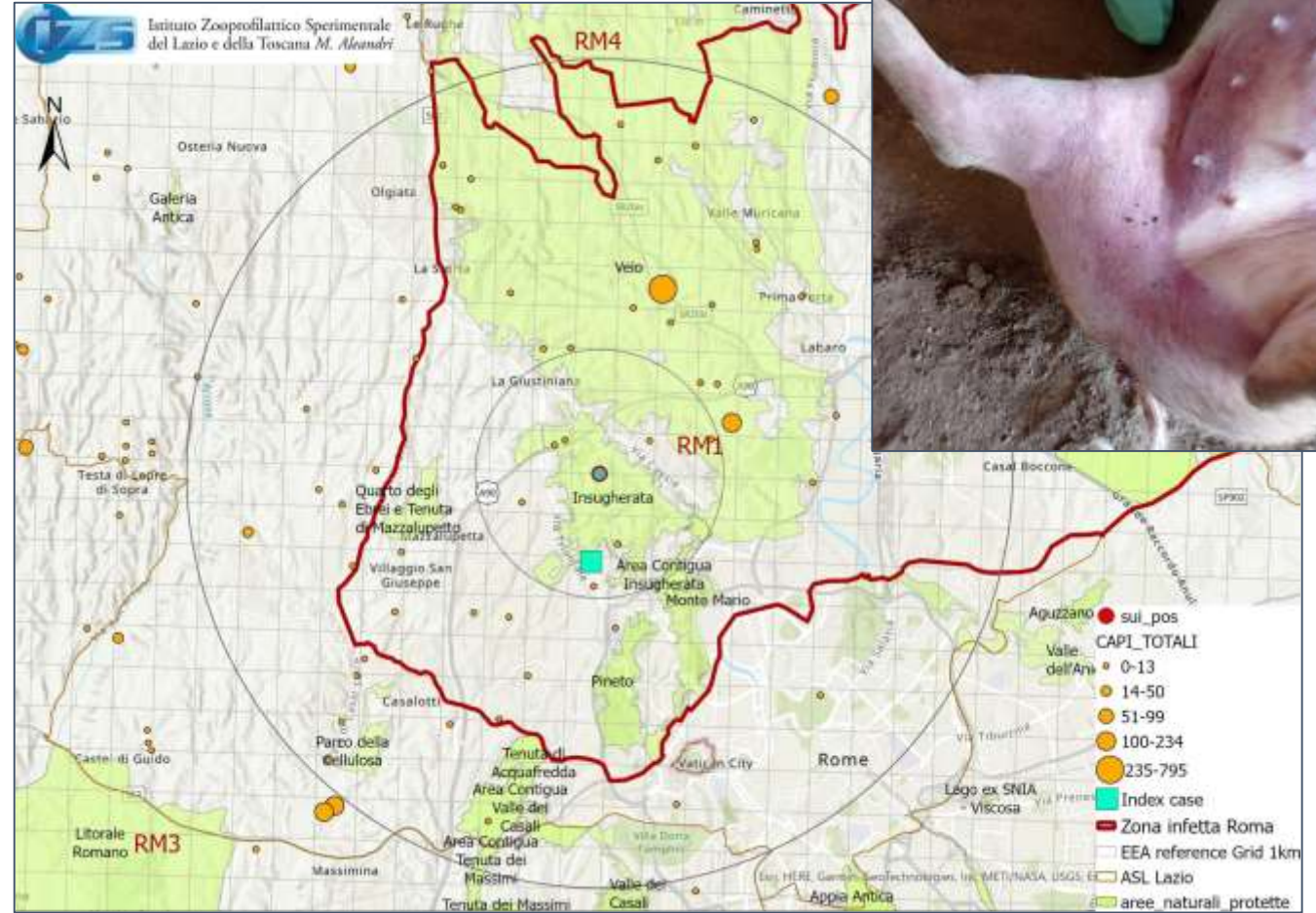
Data provided by IZS Lazio e Toscana

ASF in Rome

Measures taken after outbreak confirmation in the farm 10/06/2022

Preventive slaughter of pigs at all holdings within a radius of 10 km from the outbreak

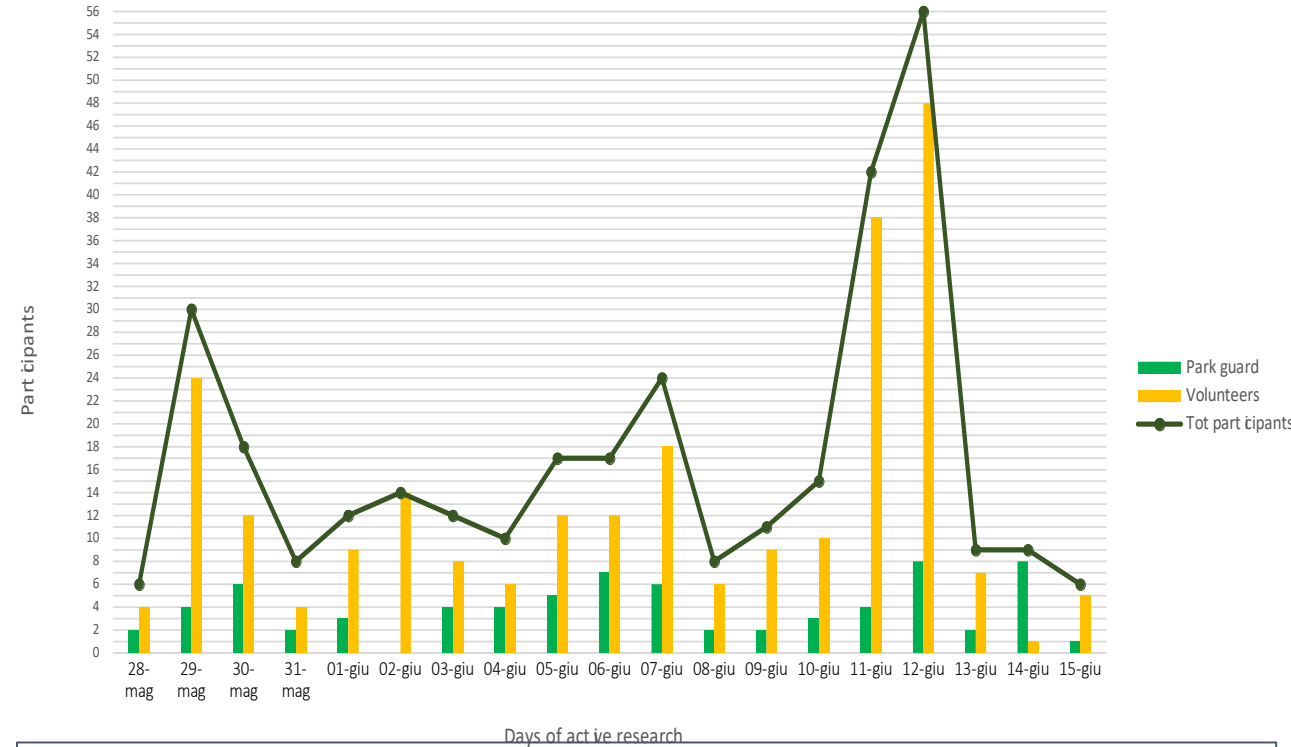
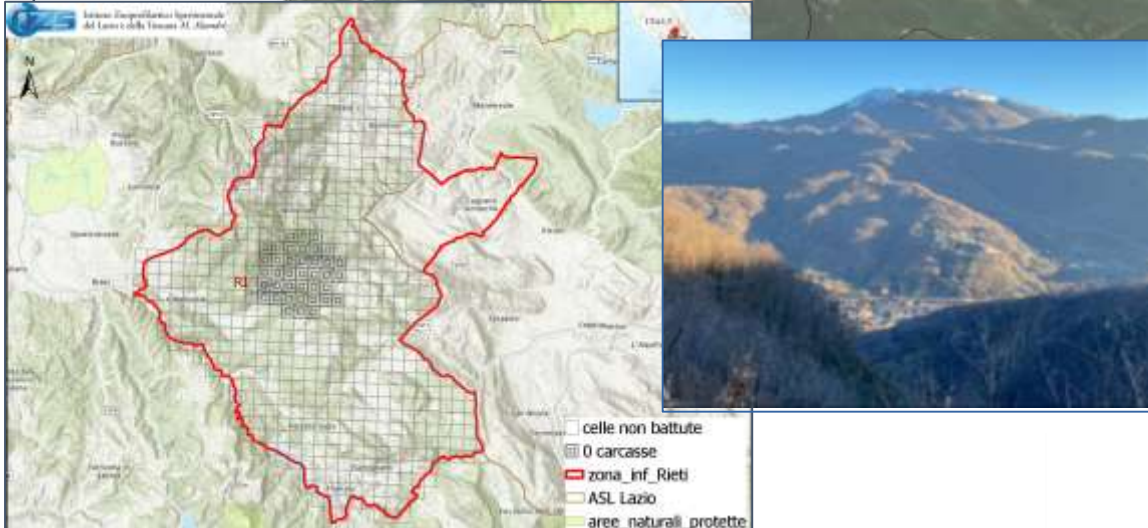
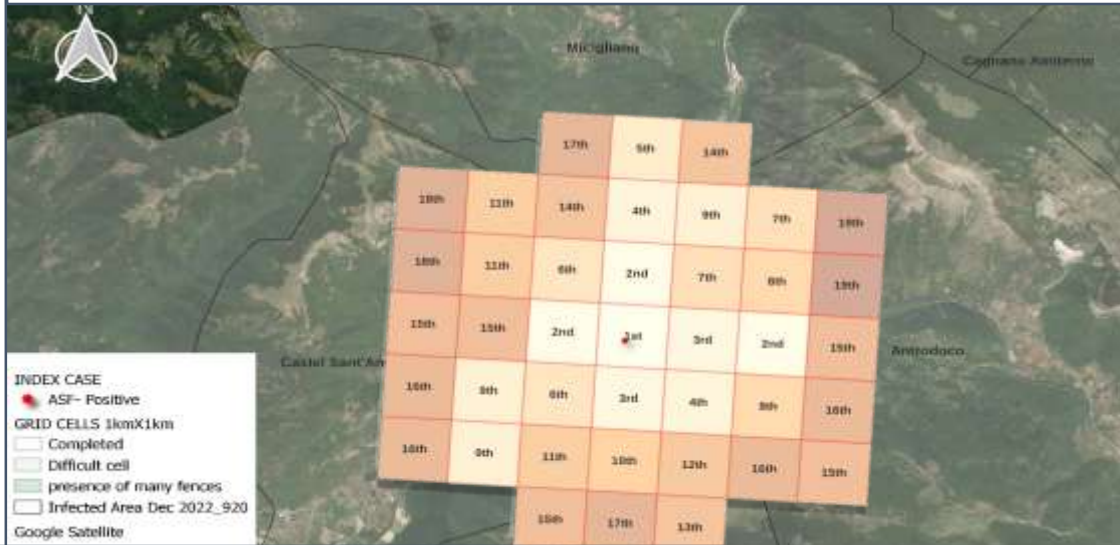
- 7 holdings within 3 km radius
- 50 holdings within 10 km radius
- 37 holdings not subject to killing because:
 - 15 no food production;
 - 1 zoo;
 - 1 stabulary;
 - 15 no animals;
 - 4 closed
- 20 holdings subject to preventive slaughter: 1297 animals killed



Data provided by Local veterinary service Roma 1

ASF in Rieti

Grid cells 1kmx1km for active search of dead wild boar



- **19** days of active research
- **39/41** Total of cells: n. 38 Presence of fences – n.41 Difficult orography (crevasses, ravines)
- **Zero** carcasses detected in active surveillance
- **5552** minutes total of active search
- **N. 326** total participants

Data provided by Local veterinary service Rieti

ASF in Rieti

- Total movements restriction of pig farms
- Inform the veterinary Service of any suspicious (dead or sick animals)
- Commercial Farms: Biosecurity control and consistencies update
- Backyard Farms: consistencies updated, farms without official movements have been closed, strengthening of biosecurity measures

	Farms	Heads	Commercial farms	Backyard farms	Other farms	Commercial heads	backyard heads	Other holdings
Province	2024	3944	324	1689	11	3720	156	68
Infected area	44	303	13	31	0	238	65	0

Data provided by Local veterinary service Rieti



Ministero della Salute



Thanks for your kind attention