



AFRICAN SWINE FEVER SURVEILLANCE

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BUREAU OF ANIMAL INDUSTRY
Animal Health and Welfare Division
National African Swine Fever Prevention and Control Program

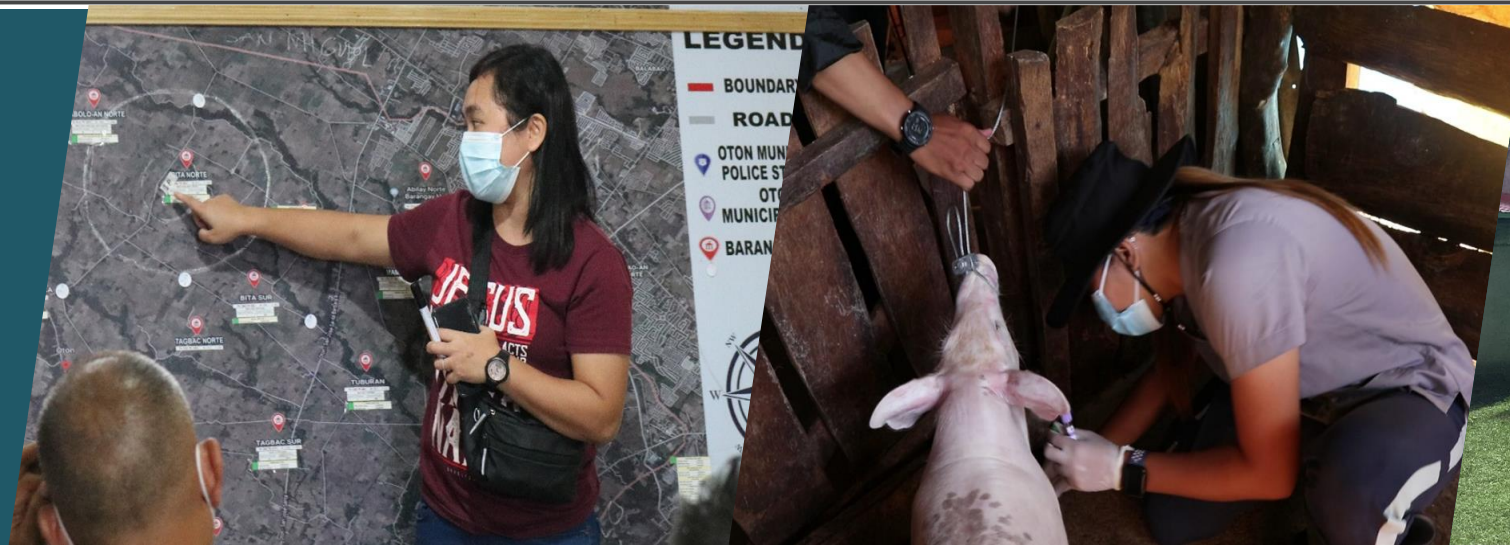
OUTLINE



- Program Components
- Objectives
- Factors to consider
- Surveillance method
- Different surveillance
- Other activities

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PROGRAM COMPONENTS



LGU ENGAGEMENT

Local government involvement ensures coordinated ASF response.

SURVEILLANCE

Monitoring for ASF outbreaks to contain and prevent spread.

BIOSECURITY

Implementing strict measures to prevent ASF transmissions.

CAPABILITY & AWARENESS

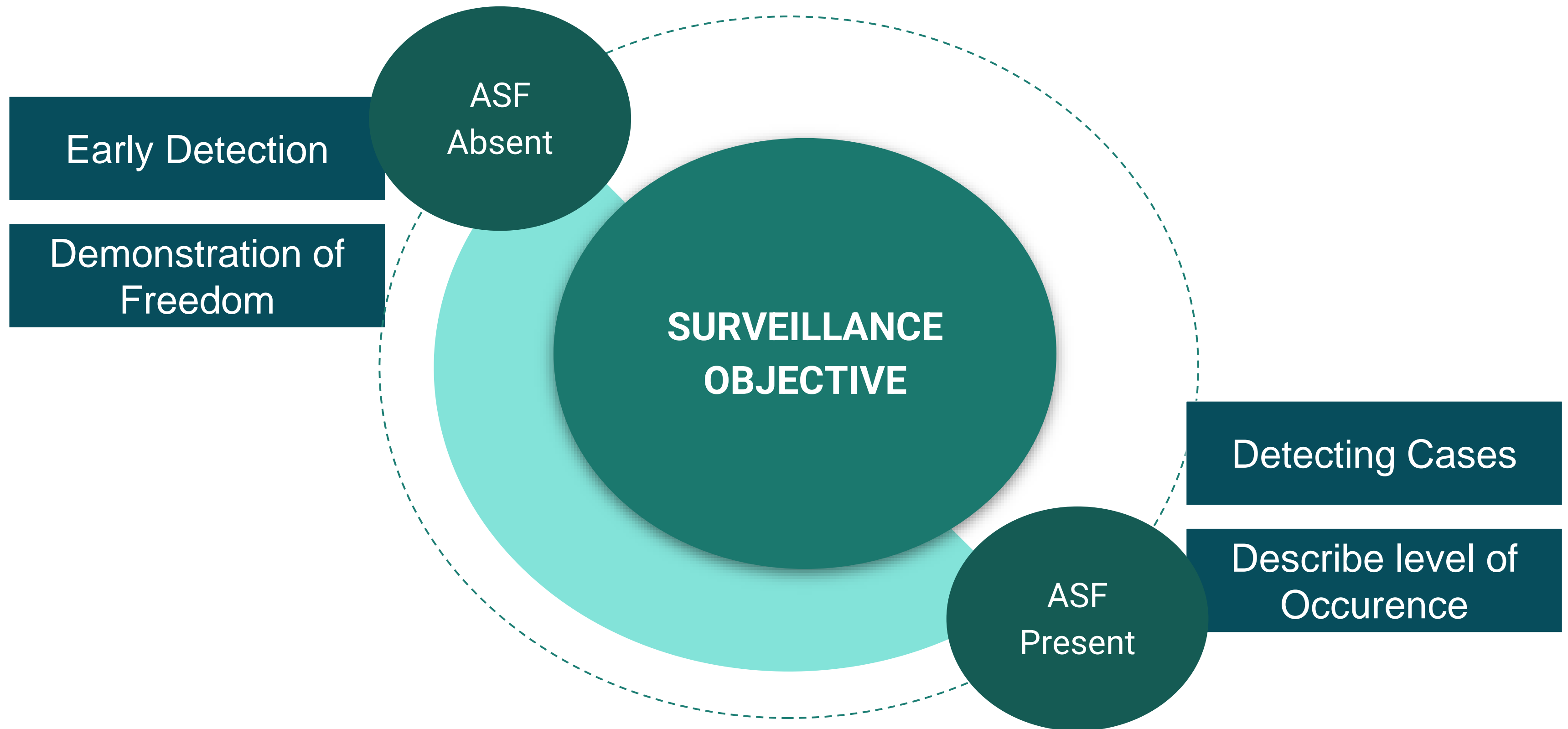
Enhancing skills and knowledge for effective ASF management.

REPOPULATION

Rebuilding swine industry on post ASF outbreak, ensuring food security.



OBJECTIVES



FACTORS TO CONSIDER



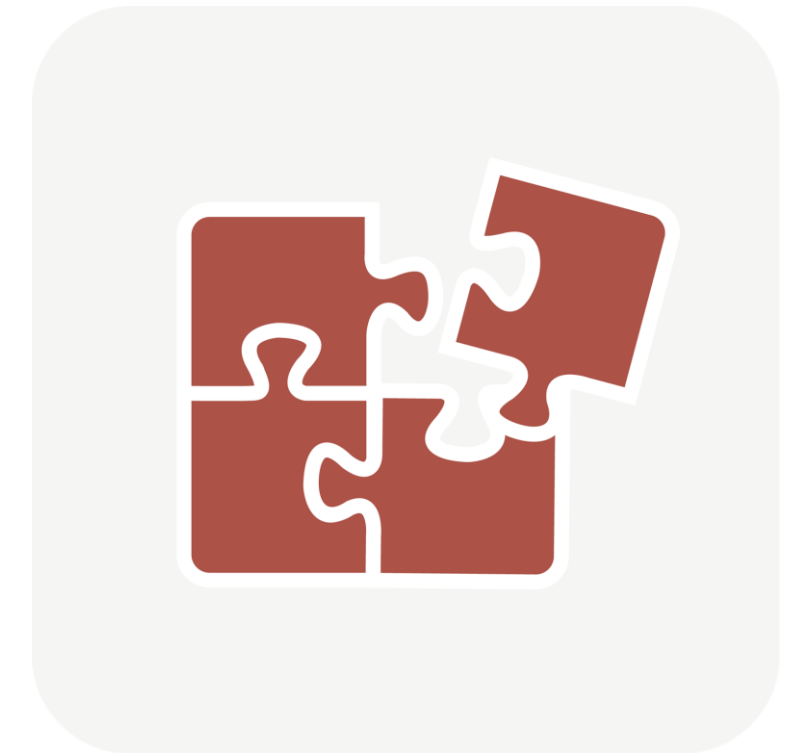
Understanding Value Chain



Cost and practicability



Laboratory Capacity



Identify other key challenges

5

SURVEILLANCE METHODS



PASSIVE SURVEILLANCE

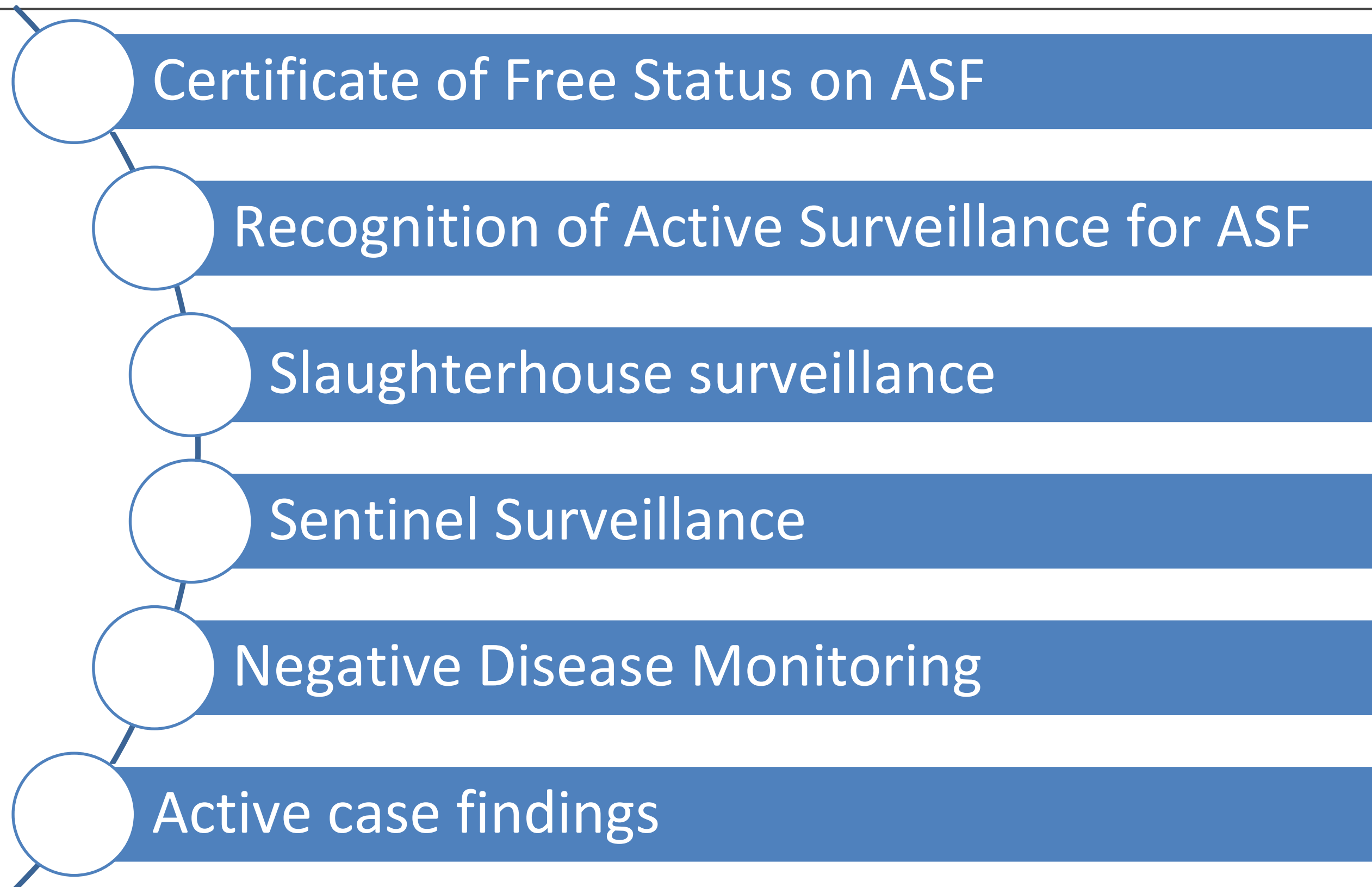
- Passive disease reporting
- Abattoir surveillance

ACTIVE SURVEILLANCE

- Syndromic Surveillance
- Sentinel Surveillance
- Participatory Disease Surveys

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DIFFERENT SURVEILLANCE



DIFFERENT SURVEILLANCE



Certificate of Free Status on ASF (CFS-ASF)

- For local movement of commercial farms
- Across all ages in the farm
- Based on Cannon and Roe and zoning category
 - 6% Red, pink and yellow zones
 - 2% Light green and dark green zone

(Header)

CERTIFICATE OF FREE STATUS ON AFRICAN SWINE FEVER (ASF)

This Certification is issued based on the **AFRICAN SWINE FEVER (ASF) NEGATIVE DISEASE MONITORING REPORT** and the **NEGATIVE ASF LABORATORY TESTING** submitted by the applicant as partial compliance to the requirements **FOR LOCAL TRANSPORT OF [COMMODITY TO TRANSPORT] ONLY** with the following details:

Name of Farm: [NAME]
 Name of Farm Owner: [NAME]
 Farm Classification: [TYPE]

Farm Location
 [PLACE] [PLACE] [PLACE]
Barangay Municipality/City Province

National Zoning Category: [ZONE (as of DATE)]

ASF Laboratory Testing
 Laboratory: [LABORATORY] [LABORATORY]
 Accession No.: [NUMBER] [NUMBER]
 Test Method/s: [TEST] [TEST]
 Date of Collection: [DATE] [DATE]
 Test Results Valid Until: [DATE] [DATE]

Certificate Control No.: [NUMBER]
 Certificate Valid Until: [DATE (90 DAYS/180 DAYS)]

Issued this [Nth] day of [Month Year]

Signed: _____

Regional Executive Director
 Designation

OFFICE DOCUMENT
 SECURITY DETAILS (i.e.
 SEAL, QR CODE,
 BARCODE)

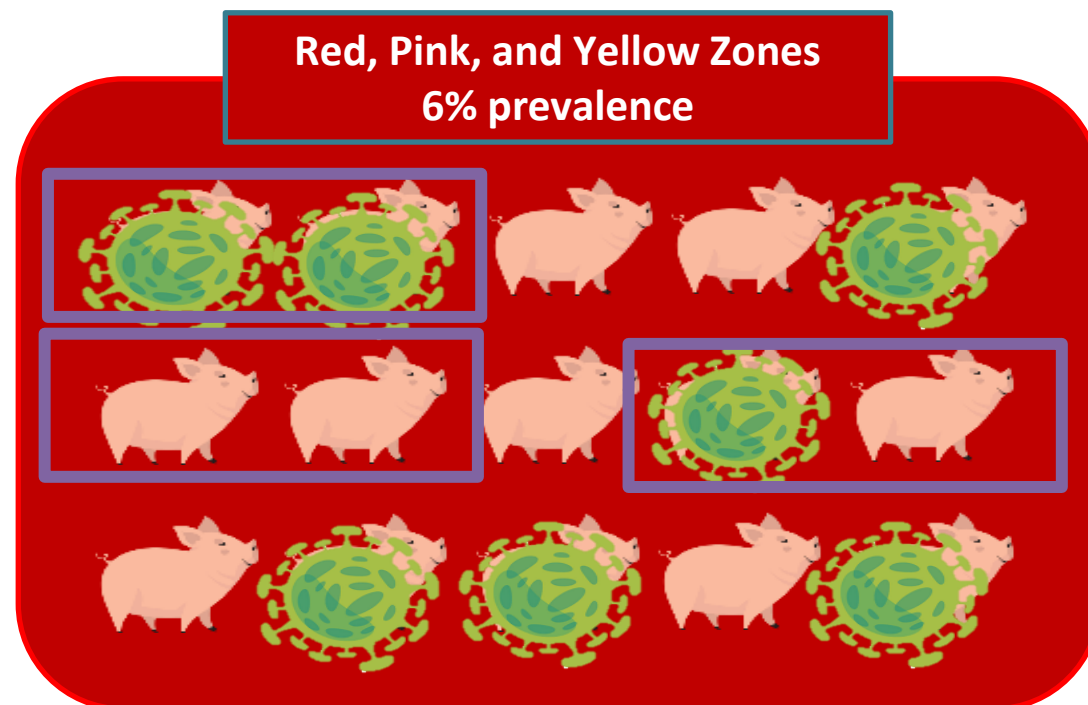
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DIFFERENT SURVEILLANCE

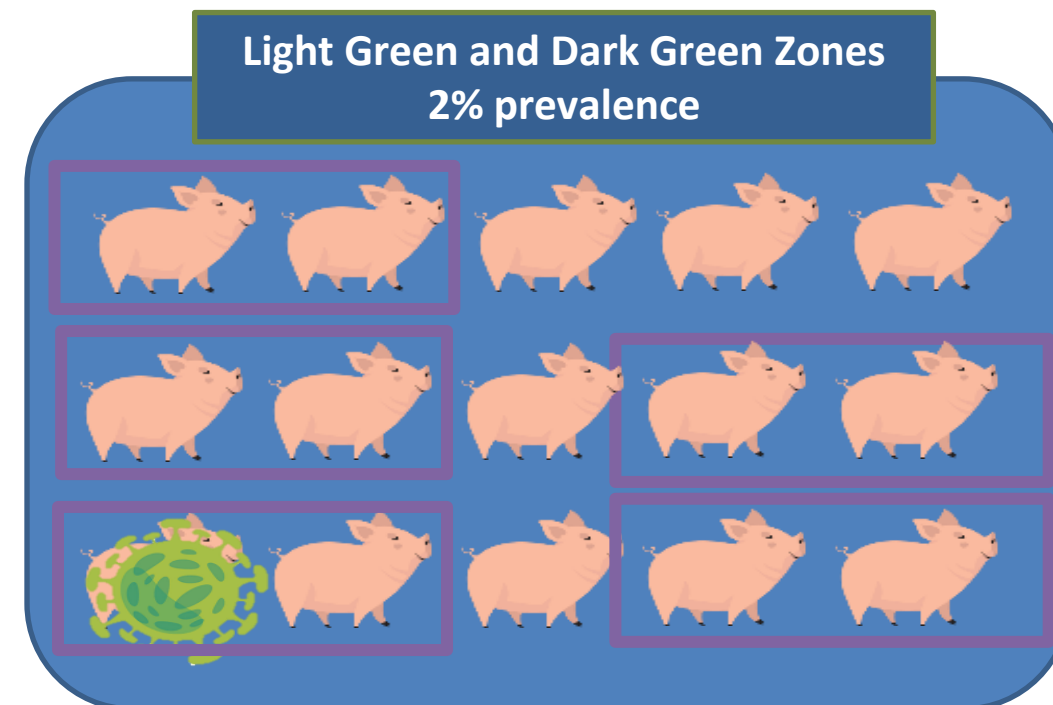


Recognition of Active Surveillance for ASF (RAS-ASF)

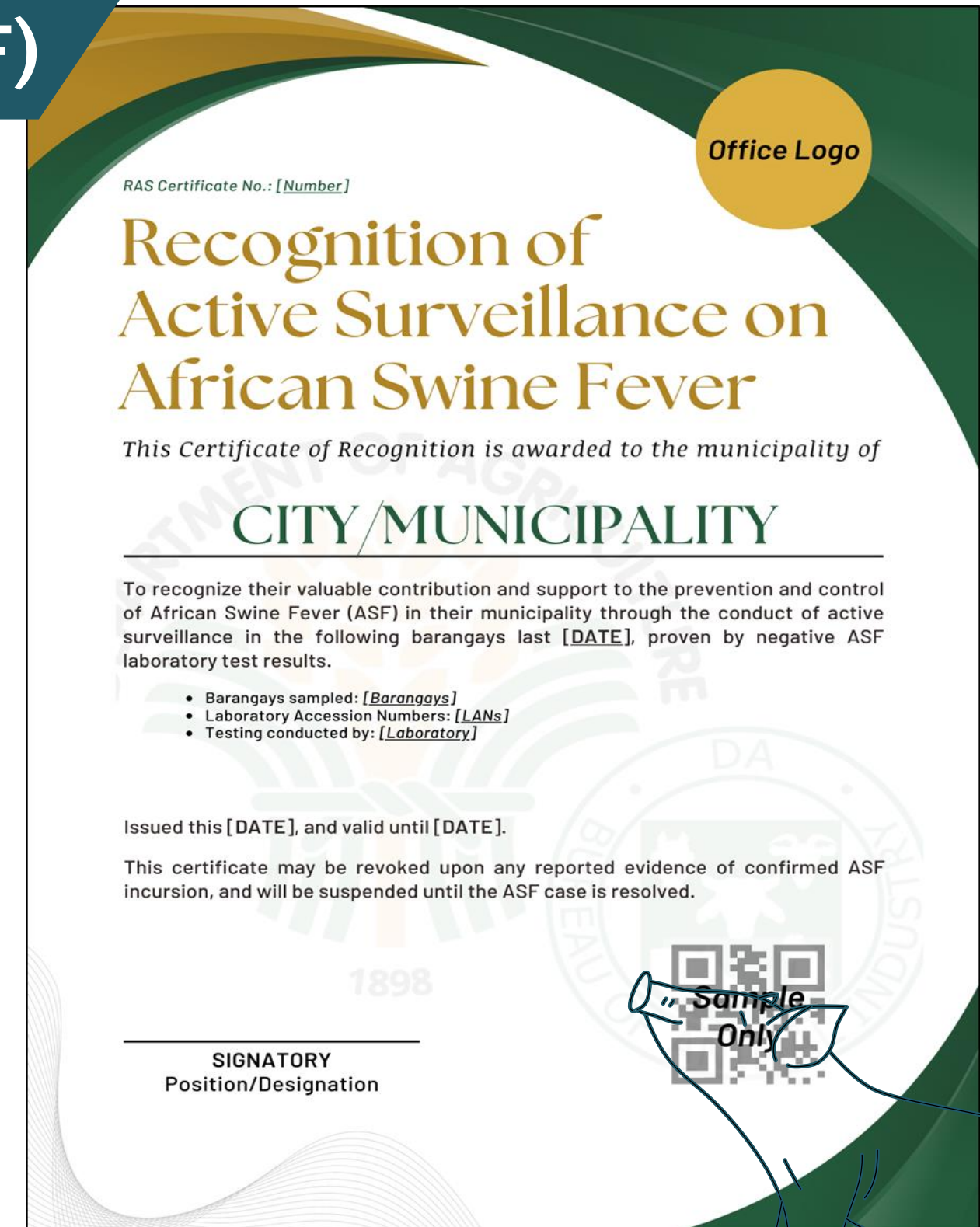
- For local movement of municipalities
- Across the farms in the municipality
- Based on Cannon and Roe and zoning category
 - 6% Red, pink and yellow zones
 - 2% Light green and dark green zone



Every 3 months



Every 6 months



Pop'n size (N)	(i) Percentage of diseased animals in population (d/N) OR (ii) Percentage sampled and found clean (n/N)													
	50 %	40 %	30 %	25 %	20 %	15 %	10 %	6%	5%	2%	1%	0.5 %	0.1 %	
10	4	5	6	7	8	10	10	10	10	10	10	10	10	
20	4	6	7	9	10	12	16	19	19	20	20	20	20	
30	4	6	8	9	11	14	19	24	26	30	30	30	30	
40	5	6	8	10	12	15	21	29	31	40	40	40	40	
50	5	6	8	10	12	16	22	31	35	48	50	50	50	
60	5	6	8	10	12	16	23	34	38	55	60	60	60	
70	5	6	8	10	13	17	24	35	40	62	70	70	70	
80	5	6	8	10	13	17	24	37	42	68	79	80	80	
90	5	6	8	10	13	17	25	38	43	73	87	90	90	
100	5	6	9	10	13	17	25	39	45	78	96	100	100	
120	5	6	9	10	13	18	26	40	47	86	111	120	120	
140	5	6	9	11	13	18	26	41	48	92	124	139	140	
160	5	6	9	11	13	18	27	42	49	97	136	157	160	
180	5	6	9	11	13	18	27	43	50	101	146	174	180	
200	5	6	9	11	13	18	27	43	51	105	155	190	200	
250	5	6	9	11	14	18	27	44	53	112	175	228	250	
300	5	6	9	11	14	18	28	45	54	117	189	260	300	
350	5	6	9	11	14	18	28	46	54	121	201	287	350	
400	5	6	9	11	14	19	28	46	55	124	211	311	400	
450	5	6	9	11	14	19	28	46	55	127	218	331	450	
500	5	6	9	11	14	19	28	47	56	129	225	349	500	
600	5	6	9	11	14	19	28	47	56	132	235	379	597	
700	5	6	9	11	14	19	28	47	57	134	243	402	691	
800	5	6	9	11	14	19	28	47	57	136	249	421	782	
900	5	6	9	11	14	19	28	48	57	137	254	437	868	
1000	5	6	9	11	14	19	29	48	57	138	258	450	950	
1200	5	6	9	11	14	19	29	48	57	140	264	471	1102	
1400	5	6	9	11	14	19	29	48	58	141	269	487	1236	
1600	5	6	9	11	14	19	29	48	58	142	272	499	1354	
1800	5	6	9	11	14	19	29	48	58	143	275	509	1459	
2000	5	6	9	11	14	19	29	48	58	143	277	517	1553	
3000	5	6	9	11	14	19	29	49	58	145	284	542	1895	
4000	5	6	9	11	14	19	29	49	58	146	268	556	2108	
5000	5	6	9	11	14	19	29	49	59	147	290	564	2253	
6000	5	6	9	11	14	19	29	49	59	147	291	569	2358	
7000	5	6	9	11	14	19	29	49	59	147	292	573	2437	
8000	5	6	9	11	14	19	29	49	59	147	293	576	2498	
9000	5	6	9	11	14	19	29	49	59	148	294	579	2548	
10,000	5	6	9	11	14	19	29	49	59	148	294	581	2588	
∞	5	6	9	11	14	19	29	49	59	149	299	598	2995	



- 6% Red, pink and yellow zones
- 2% Light green and dark green zone

DIFFERENT SURVEILLANCE



Slaughterhouse Surveillance

- Passive surveillance
- Slaughterhouse and local registered meat establishments



Sentinel Surveillance

- Part of the recovery program
- To recover the previously infected area to Yellow / Surveillance Zone



DIFFERENT SURVEILLANCE



Negative Disease Monitoring

- Monthly report
- Monitoring of Farms/Municipalities
- Regular Monitoring
- submitted by Biosecurity Officers or agriculturist

Commercial Farm

Form A.1

Monthly Negative Disease Monitoring Report

This is to certify that the swine farm _____ located at _____ (Name of Farm) _____ (Barangay) _____ (Municipality/City) _____ (Province) with National Zoning Category of _____ (Color/Zoning Category) owned by _____ (Name of Owner)

is compliant with the provisions stated in DA Administrative Circular No. 2 Series of 2022 (Amendment to the DA AC. No. 12 series of 2019, National Zoning and Movement Plan for the Prevention and Control of ASF), satisfying the conditions of:

1. No reported case/s of ASF outbreak in the farm and barangay during the last 30 days.
2. No animals in the farm have shown clinical signs or unusual high mortalities suggestive of ASF infection during the last 30 days.
3. Based on the matrix of biosecurity parameters released by the Philippine College of Swine Practitioners (PCSP), as stated on BAI Memorandum Circular No. 20 Series of 2022, the farm has a Biosecurity Level of: 0 / 1 / 2 (Please encircle).

Issued this day of _____

This certification is valid until _____

MAY ADD your OFFICE DOCUMENT SECURITY DETAILS (ie. QR or BARCODE)

ISSUED BY: _____ **CERTIFIED TRUE AND CORRECT:** _____

Farm Veterinarian _____ **Veterinary /Agricultural Authority** _____
Date signed: _____ Designation: _____
PRC License no.: _____ Contact no.: _____
License valid until: _____ Date signed: _____
Contact No.: _____

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Municipalities

Form B.1

Monthly Negative Disease Monitoring Report

This is to certify that ALL smallhold and semi-commercial swine farms in the city/municipality of _____ in the province of _____ with National Zoning Category of _____ is compliant with the provisions stated in DA Administrative Circular No. 2 Series of 2022 (Amendment to the DA AC. No. 12 series of 2019, National Zoning and Movement Plan for the Prevention and Control of ASF), satisfying the conditions of:

1. No reported case/s of ASF outbreak in the past month
2. No animals have shown clinical signs or unusual high mortalities suggestive of ASF infection in the past month.

Issued this day of _____

This certification is valid until _____

CERTIFIED TRUE AND CORRECT: _____

Veterinary /Agricultural Authority
Designation: _____
Contact no.: _____
Date signed: _____

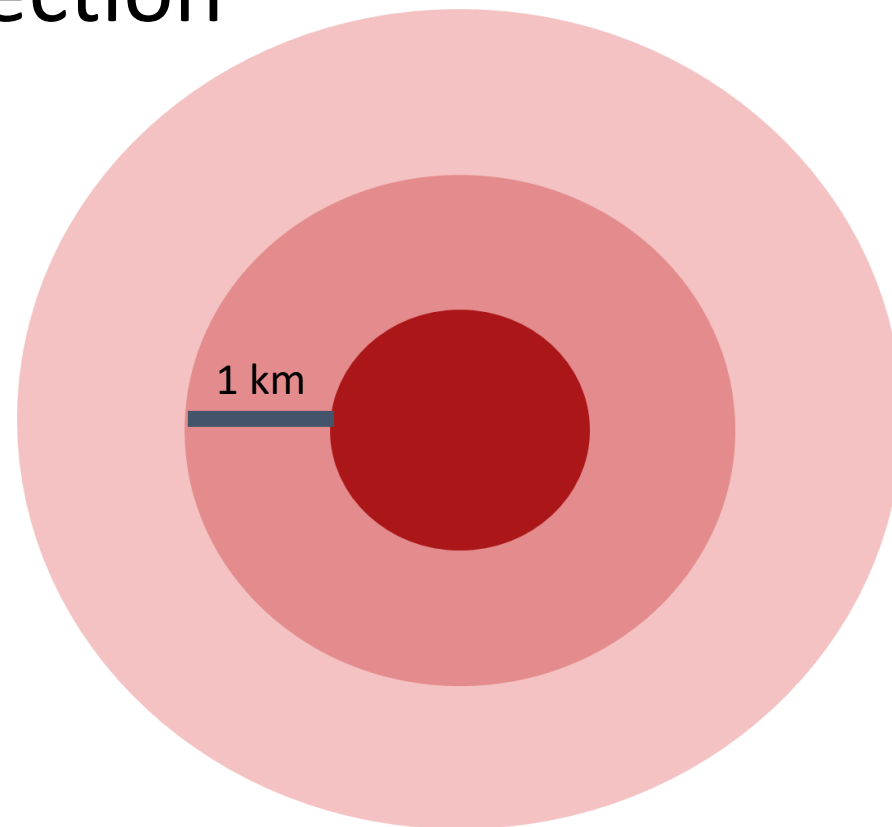
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DIFFERENT SURVEILLANCE



Active Case Findings

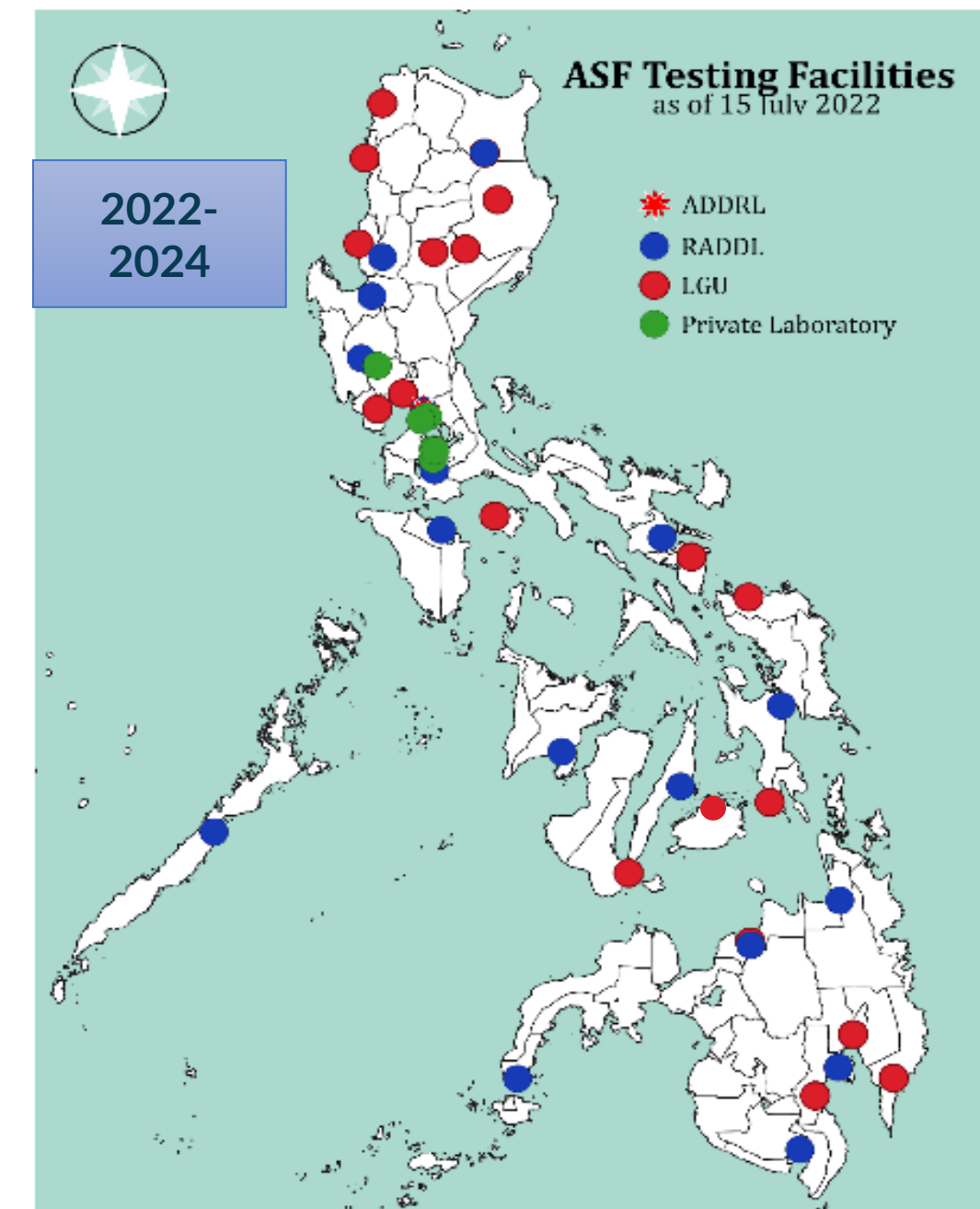
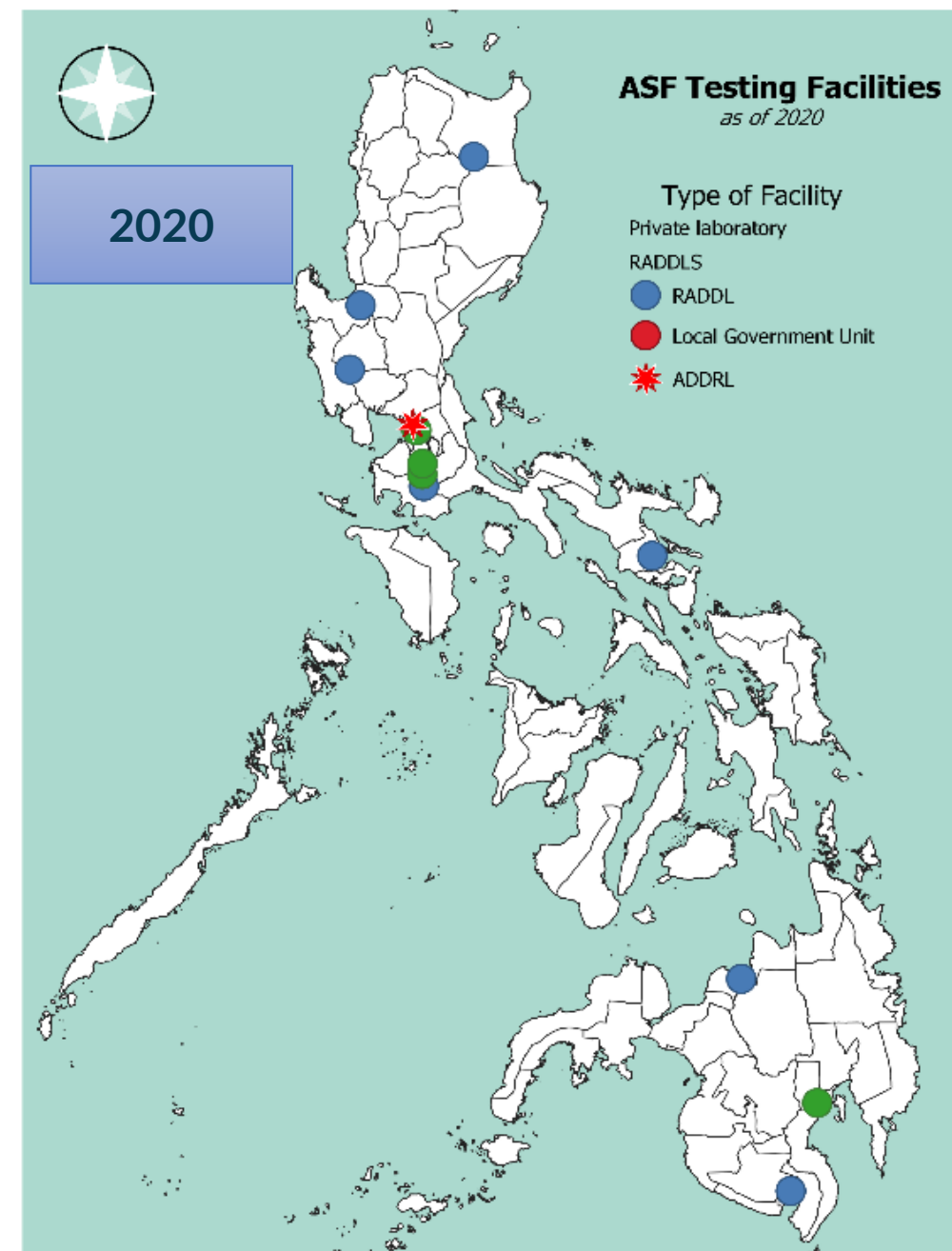
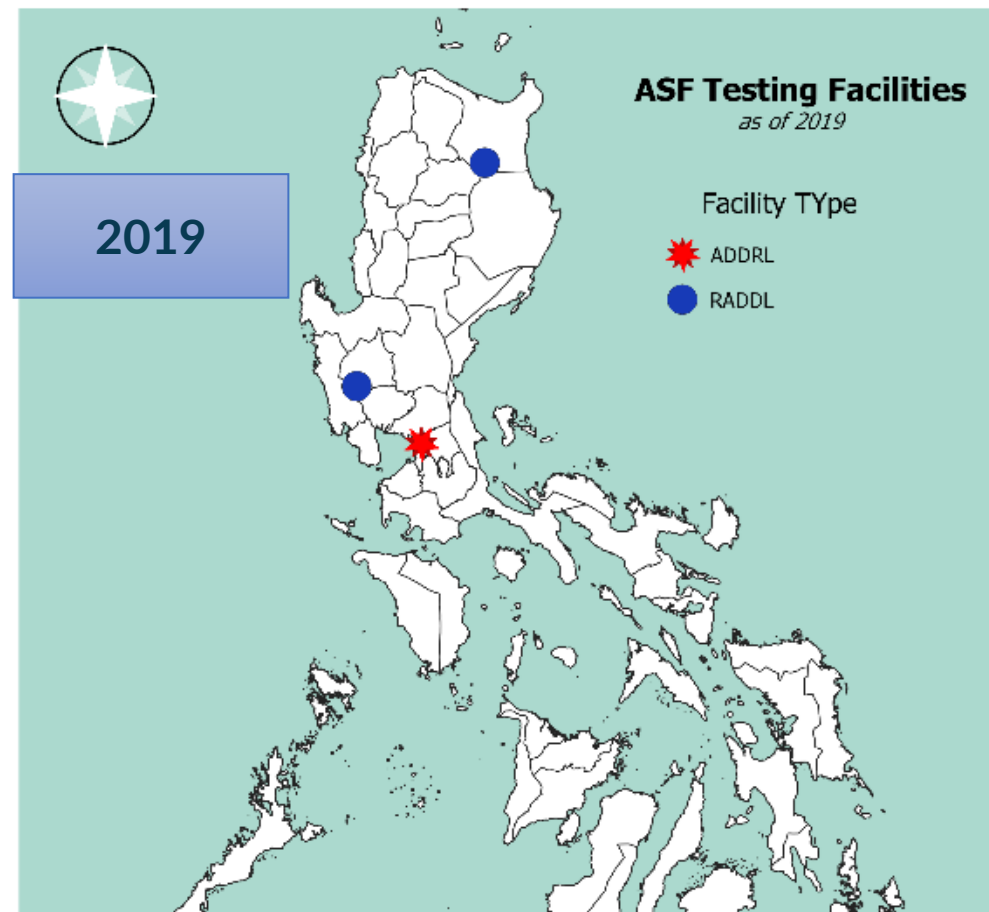
- after ASF case is confirmed
- within 1 km from the infected premises
- to determine the extent and magnitude of infection



OTHER ACTIVITIES



Increased testing capabilities across the country



- Capacitated RADDLs
- Distributed real-time PCR, iPCR and cPCR machines to RADDLs and LGUs
- Accredited private laboratories

Immediate testing for early disease response

OTHER ACTIVITIES



Increased testing capabilities across the country

- Training of field personnel
- Applied Veterinary Epidemiology Training
- Partnership and Collaboration with various partners
- IEC campaign on surveillance



FACT VS FAKE

Huwag maniwala sa maling akala at haka haka!
Mga dapat mong malaman tungkol sa African Swine Fever

“Huwag magpakuha ng dugo sa surveillance dahil magpopositibo ito sa ASF.”

FAKE

FACT

VS

Hindi lahat ng baboy na nakunan ng dugo ay nagpopositibo. Kinukuhaan ng dugo ang mga baboy upang suriin sa laboratoryo kung ito ay may ASF virus. Negatibo kung walang virus, at kung magpositibo naman, agad na makontrol ang paglaganap nito.



Thank You!

✉ asf@bai.gov.ph

🌐 www.bai.gov.ph

☎ +63 995 132 9339
+63 920 859 3119

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