

Policies on Protecting the Philippine Swine Industry from Transboundary Animal Diseases

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22nd Pinoy Pork Challenge
Seda Vertis North, Quezon City
October 4, 2018



OUTLINE

Policy concepts

Policy focus: TADs

Policy operation



Vision

**A premier agency for a
vibrant and competitive
animal industry towards
food security by 2020**



Mandates



ACT 3639 - Creation of Bureau of Animal Industry of 1929

Created to... investigate, study and report the cause of dangerous communicable diseases and the means of prevention...

Executive Order 292- Administrative Code of 1987

A staff bureau to formulate programs for the prevention control and eradication of animal diseases...

Many ways to define PUBLIC

POLICY



Policy defined (1)

Public policy is the heart,
soul, and **identity** of
governments everywhere

(Public Administration, 2012)



Policy defined (2)

**Plans, positions and
guidelines** of government
which influence decisions by
government

(Office of the Auditor General, Manitoba, 2003)





**Policies are
numerous!**

Policy defined (3)

A course of action or inaction chosen by the Government to address a given problem

(Skopje, 2007)



Policy defined (4)

“A public policy is an action which employs governmental authority to commit

resources...

(Considine, 1994)



Political will

Course of
action or
inaction

Written
Statements

Resources

Identity

POLICY





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TADs

Transboundary animal diseases

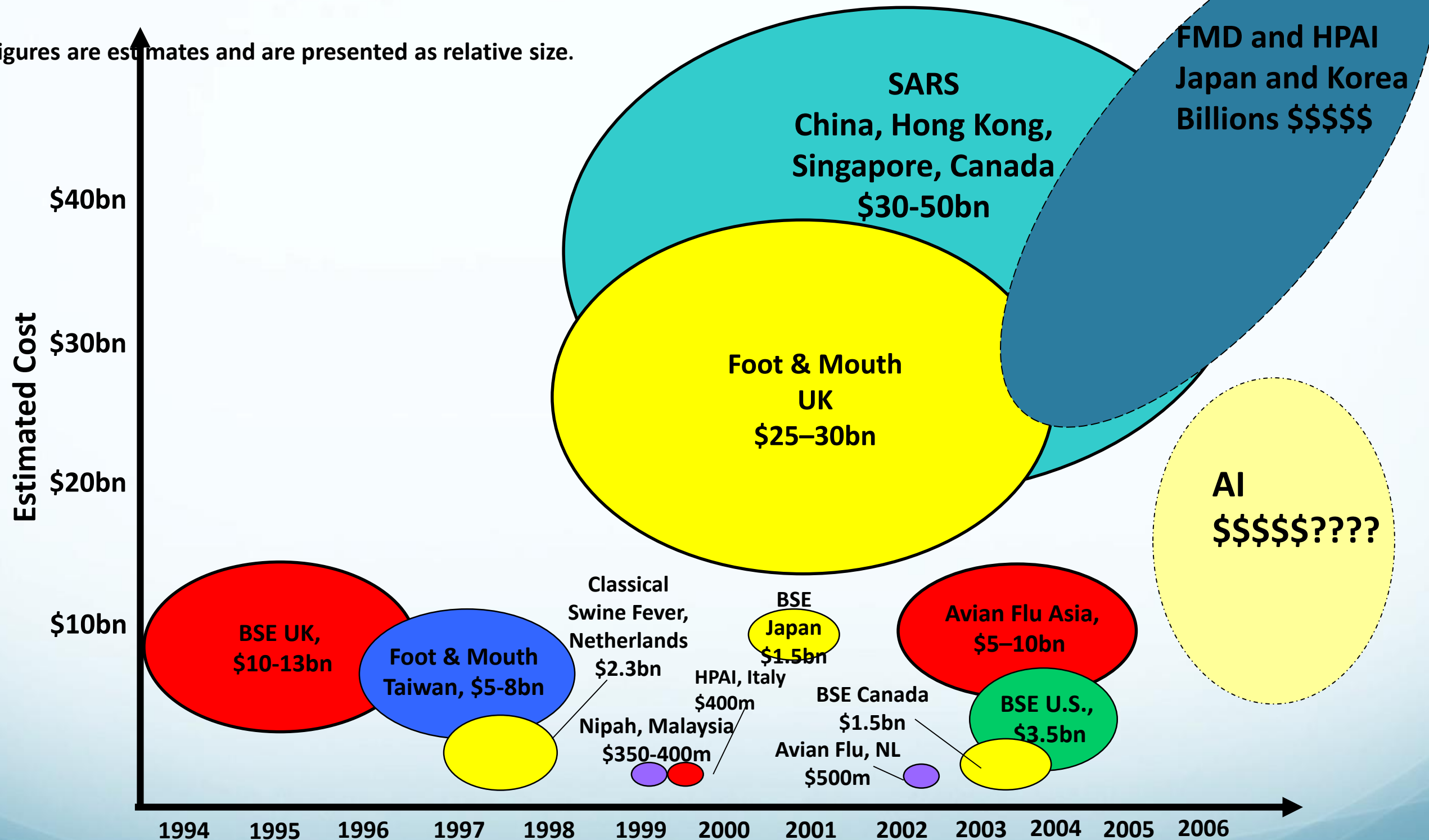
Those epidemic diseases that are

- highly contagious or transmissible and
- have the potential for very rapid spread, irrespective of national borders, and
- can have serious socio-economic and public health consequences

(OIE, FAO)

Economic Impact of TADS

Figures are estimates and are presented as relative size.





Drivers of **disease outbreaks**

- 1. Intensified animal production**
- 2. Climate change**
- 3. Mass movement of humans and animals**
- 4. Microbial mutations**
- 5. Others...**



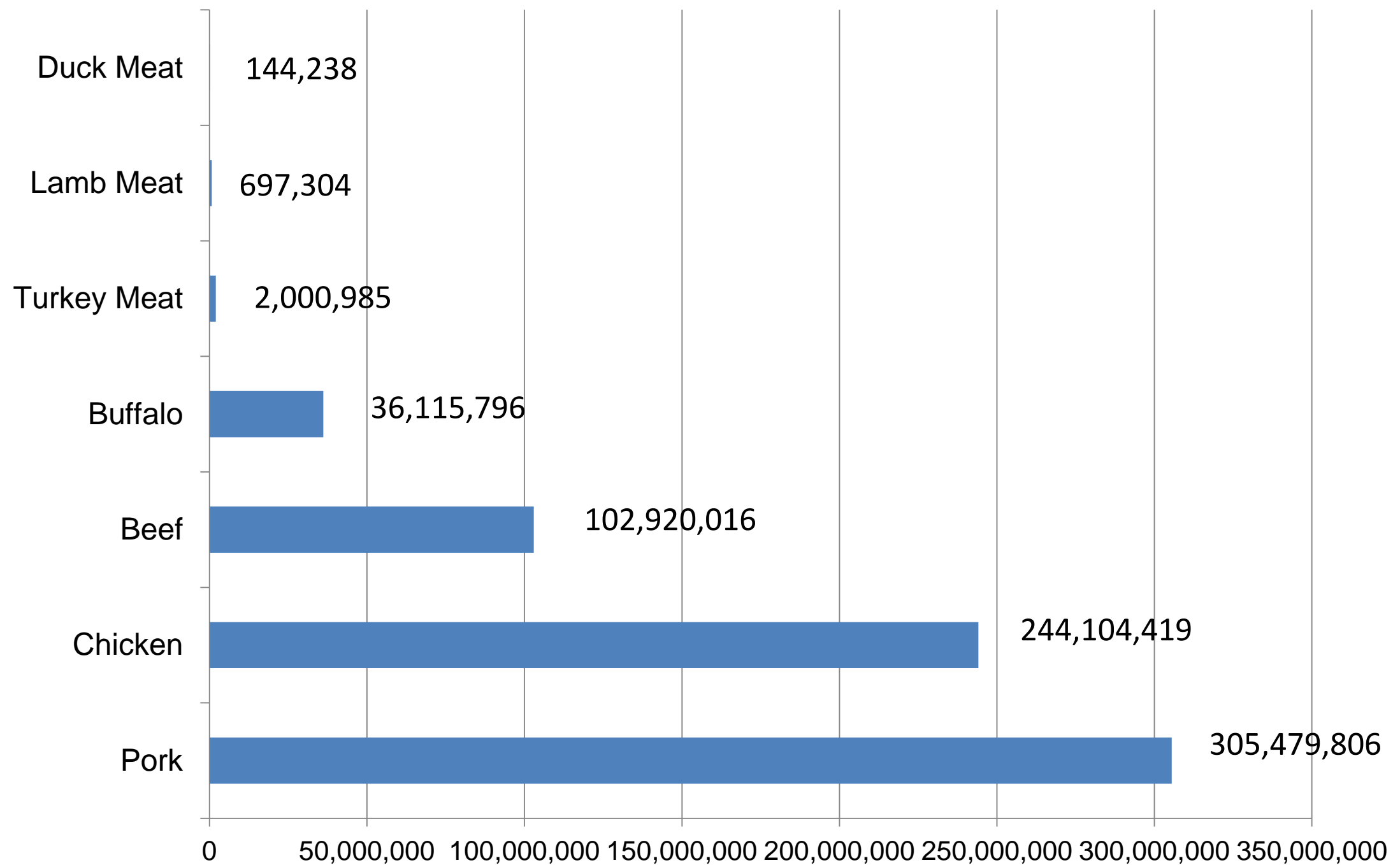
2015 Philippine Census

106 million



Drivers

Meat importations, 2017





Order from Malacañang

1. Produce
adequate food
2. Help the poor
farmers

PHILIPPINE SWINE INDUSTRY



Before

Today



Drivers

**“Intensivism is the
friend of **disease**.”**

Intensive
production

Animal
Disease
Risk





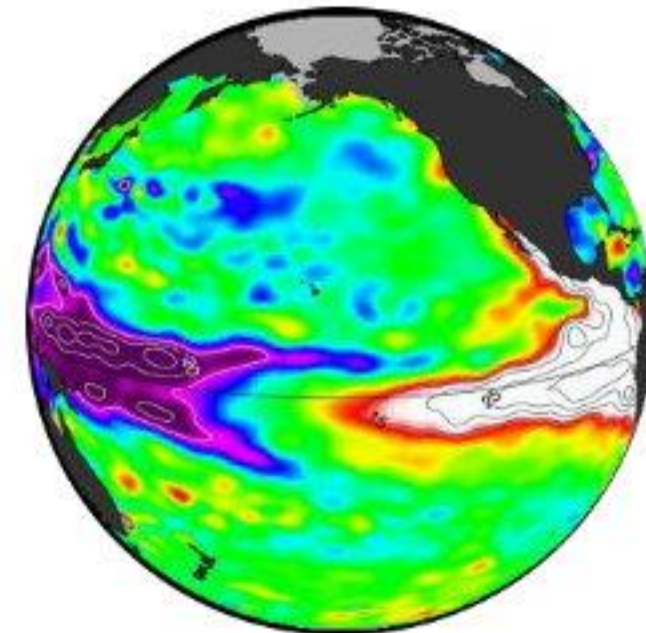
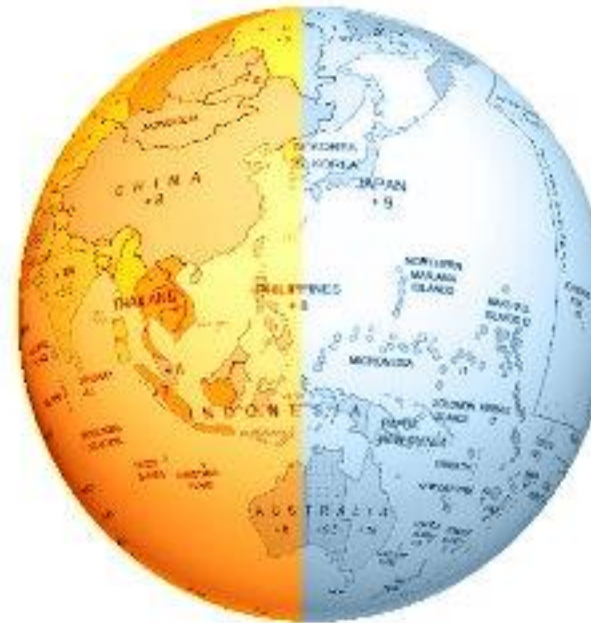
Health

Trade

**Principle of
Balance**



Observed changes in climate



Increasing
global
surface
temperature;
0.74 °C (from
1906-2005)

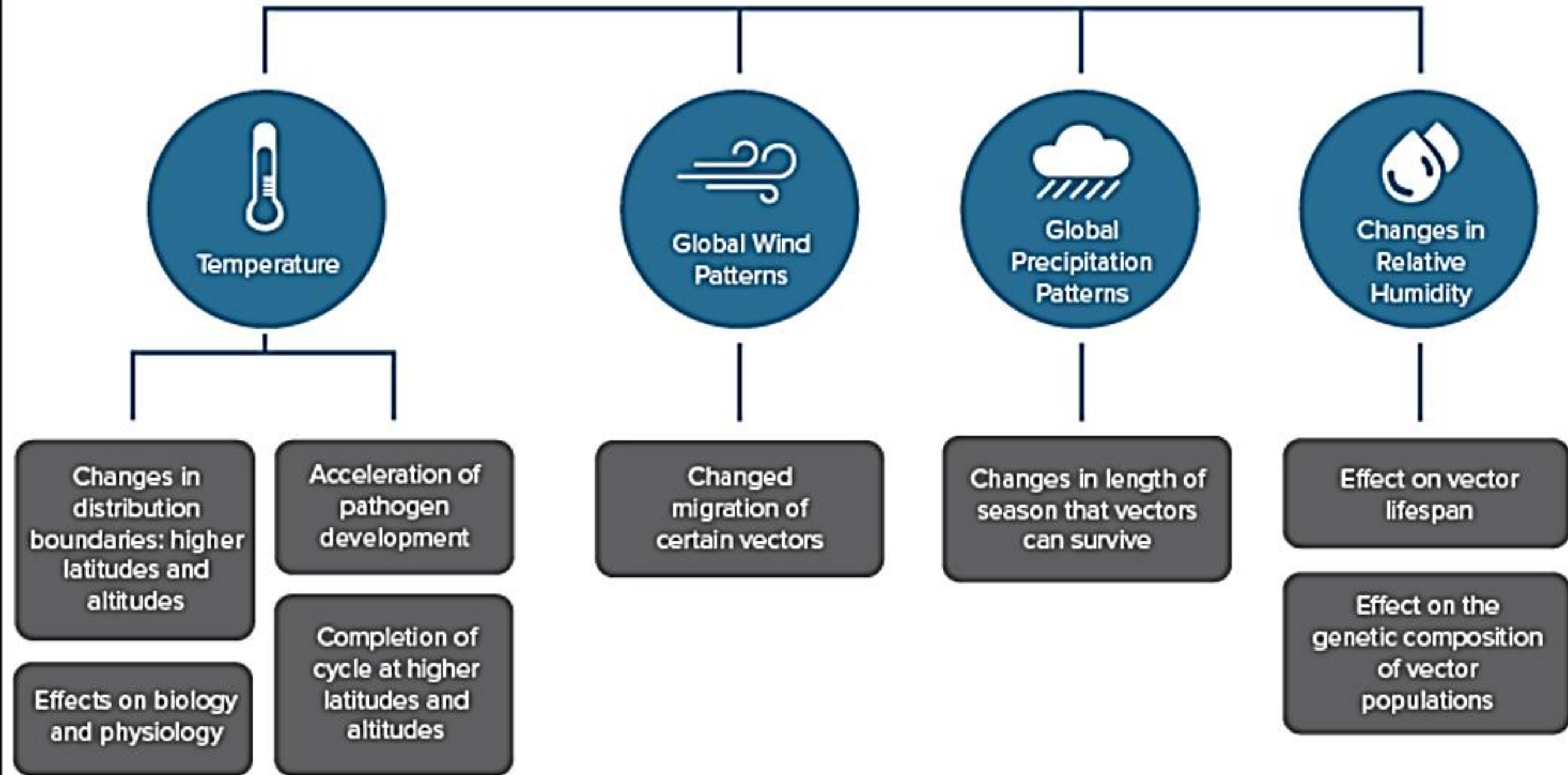
Increasing
global average
sea level of 1.8
mm per year
(1961-2003)

Extreme
weather
events

Regional
climate
differences

Drivers

Direct Climate Change Effects on Disease Vectors



Diseases that will emerge and re-emerge

1. Parasitic diseases with free-living stages (Ex. Fasciolosis)
2. Arthropod vector-borne diseases
3. Water-borne diseases
4. Respiratory infection and diseases with spore-forming agents



Entry points for TADs

85 airports
(10 international gateways)



429 fishing ports and 821
commercial ports.



Drivers

Constant threat



**Disease freedom is not
permanent**

Reportable Diseases

Animal health in the World

> [Information on aquatic and terrestrial animal diseases](#)

> [OIE-Listed diseases 2018](#)

> [Overview](#)

> [Technical disease cards](#)

> [The World Animal Health Information System](#)

> [WAHIS-Wild Interface](#)

> [World Animal Health](#)

> [The WAHIS+ project](#)

> [Official disease status](#)

> [Self-declared disease status](#)

OIE-Listed diseases, infections and infestations in force in 2018

[Resolutions](#) passed by the International Committee and recommendations issued by the Regional Commissions instructed the OIE Headquarters to establish a single OIE list of notifiable terrestrial and aquatic animal diseases to replace the former [Lists A](#) and [B](#).

The aim in drawing up a single list was to be in line with the terminology of the Sanitary and Phytosanitary Agreement of the World Trade Organization, by classifying diseases as specific hazards and giving all listed diseases the same degree of importance in international trade.

In order to create a single list of notifiable diseases, the OIE defined criteria to examine the inclusion or not of a given disease in the OIE single list that were approved in May 2004.

In 2005, the first single list composed of former lists A and B was used, and in the same year, an Ad Hoc Group on disease and pathogenic agents notification was organized to examine diseases according to the adopted criteria for listing diseases, and proposed a new list of diseases meeting the criteria that entered into force in 2006.

The list is reviewed on a regular basis and in case of modifications adopted by the World Assembly of Delegates at its annual General Session, the new list comes into force on 1 January of the following year.

For year 2018, the list includes 117 animal diseases, infections and infestations.

Executive Order No. 338, Series of 2001

Functions of restructured Bureau of Animal Industry:

- a) Adopt measures that would **prevent** the entry of exotic and communicable diseases into the country...;*
- b) **Investigate**, diagnose, and report cases of ... exotic diseases affecting livestock and poultry;*
- c) Establish a workable investigation, **surveillance**, reporting and appraisal system for animal diseases...;*
- d) Set a **quarantine inspection system** relative to inter-regional and international movement of animals...*



OUTLINE

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POLICIES



Pre-Border

Pre-Border Policies

DA Memorandum
Circular #12, s.2017

*Importation
procedures
for live
animals*

DA Admi. Order #16, s2006
Pre-Border Measures for the
Export of Meat and Meat
Products to the Philippines



DA Inspection Mission



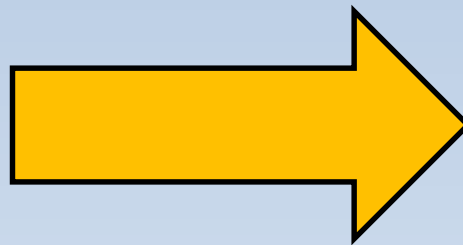
Pre-Border Activities

Risk Mitigation

Source country

Philippines

Pre-
Border



Post-
Border

IMPORT TERMS AND CONDITIONS SWINE FROM US

The animals are solely for breeding purposes and free from physical defects and deformities likely to affect their breeding potential.

The animals must be accompanied by a U.S. origin health certificate (US Form 17-40) issued by a veterinarian or authorized by the U.S. Department of Agriculture (USDA) and endorsed by a veterinary service veterinarian. Information should contain the following certification statement:

a. The United States is free of FMD, African Swine Fever and Hog Cholera.

b. The animals originate from premises where there has been no outbreak of the following diseases for the last twelve (12) months and individual animals are free from clinical evidence of such diseases: Vesicular Stomatitis, Aujeszky's Disease, Transmissible Gastroenteritis, Leptospirosis, Porcine Parvovirus, Swine Vibrionic Dysentery, Swine Influenza, Erysipelas, Atrophic Rhinitis, Porcine Respiratory and Reproductive Syndrome (PRRS) and Porcine Circovirus 2 (PCV2);

The animals originate from validated Brucellosis-free herds or Brucellosis-free states;

The animals originate from Pseudorabies qualified herds or Pseudorabies free states;

ASF

BABES

Ban pork imports- China, etc

Avoid swill feeding

Block entry at international ports

Educate our people

Submit samples

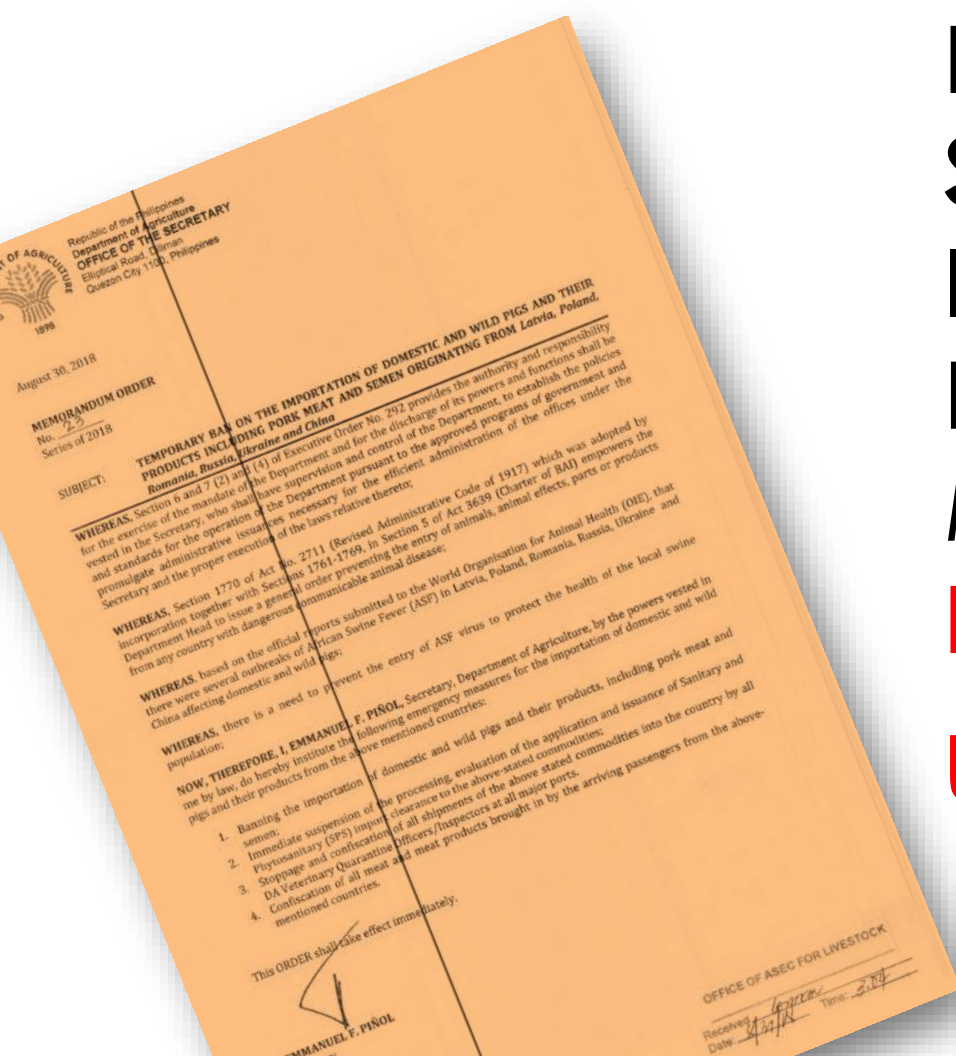




Banning

- Ban importation of domestic and wild pigs, their meat, meat products and by-products from ASF affected countries

DA Memorandum Order No. 23 Series of 2018 “Temporary Ban on the Importation of Domestic and Wild Pigs and their Products Including Pork Meat and Semen Originating from **Latvia, Poland, Romania, Russia, Ukraine and China**”



POLICIES

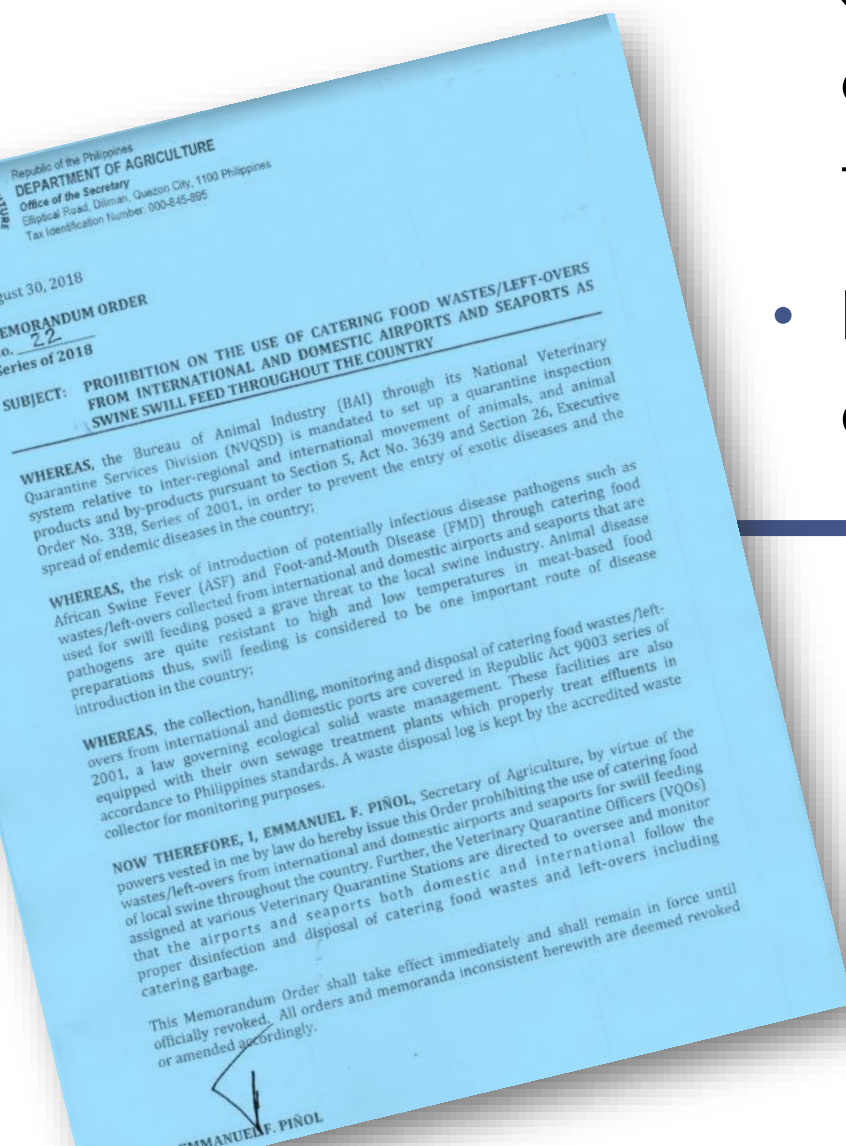


Border and Post-border



Block the entry

- Confiscation and condemnation of **smuggled** shipments
- Strict screening and inspection of shipments and **luggages** from ASF affected countries
- Strict Inspection of **hand carried items** and confiscation of items considered possible carrier of the virus
- Proper Management of **food wastes** from international airports and seaports



DA Memorandum Order No. 22 Series of 2018
“Prohibition on the Use of Catering Food Wastes/Left-overs from International and Domestic Airports and Seaports as Swine Swill Feed Throughout the Country”





Republic of the Philippines
Department of Finance
BUREAU OF CUSTOMS

CUSTOMS DECLARATION

All passengers must provide legibly the following information. Only one written declaration is required per family.

ALL PERSONS AND BAGGAGE ARE SUBJECT TO SEARCH ANY TIME.
(Section 2210 and 2212 Tariff and Customs Code of the Philippines as amended)

SEC. 100 IMPORTED ARTICLES SUBJECT TO DUTY

All articles, when imported from any foreign country into the Philippines, shall be subject to duty upon each importation, even though previously exported from the Philippines, except as otherwise specifically provided for in this Code or in other laws.

SURNAME/FAMILY NAME FIRST NAME MIDDLE NAME

SEX ☐ MALE
☐ FEMALE

BIRTHDAY (MM/DD/YY)

CITIZENSHIP

OCCUPATION/PROFESSION

PASSPORT NO.

DATE AND PLACE OF ISSUE

ADDRESS (Philippines)

ADDRESS (Abroad)

FLIGHT NO.

AIRPORT OF ORIGIN

DATE OF ARRIVAL

PURPOSE/NATURE OF TRAVEL TO THE PHILIPPINES: Please answer with an "x" mark to the following questions

- | | |
|--|--|
| 1. <input type="checkbox"/> Balikbayan | 4. <input type="checkbox"/> Business |
| 2. <input type="checkbox"/> Returning Resident | 5. <input type="checkbox"/> Tourism |
| 3. <input type="checkbox"/> Overseas Filipino Worker | 6. <input type="checkbox"/> Others (Specify) |

NO. OF ACCOMPANYING MEMBERS OF THE FAMILY:

NO. OF BAGGAGE: Checked in Pcs. Handcarried Pcs.

GENERAL DECLARATION: (Please read important information at the back)

1. Are you bringing in live animals, fishes, plants, and/or their products and by-products? (If yes, please present the required import permit and/or health, sanitary/veterinary quarantine certificate or phytosanitary certificate) ☐ Yes ☐ No

Your **bag** may contain
PESTS and DISEASES



Declare agricultural products



Plants & Seeds

Fruits & Vegetables

Animal & Animal Products

Fish

For more information, visit: **DA Quarantine Service** Telephone +632 832 2982

Are you bringing in live animals, fishes, plants
And/or their products and by-products ?

Luggage Inspection at NAIA



Meat in baby diapers

Border and post-border

- » Inspection and approval of quarantine site
- » Issuance of SPS import clearance

 Department of Agriculture
BUREAU OF ANIMAL INDUSTRY
NATIONAL VETERINARY QUARANTINE SERVICES DIVISION

CERTIFICATE OF INSPECTION FOR QUARANTINE SITE

To Whom It May Concern:



This is to certify that on this date, an inspection has been made on a proposed quarantine site, with the following findings: _____ Date _____

A. Applicant Details:

Application No.	
Name of Importer/Owner	Contact Person
Address (Office)	Address (Farm)
Telephone Number	Email Address
Animals to be Imported	Number of Heads
Expected Arrival of Animals	Country of Origin

B. Quarantine FACILITY Standards:

Pointers	High Risk	Medium Risk	Low Risk	N/A	CORRECTIVE ACTION
1. Is the site of Quarantine Area (QA) located away from the farm/production area? Minimum distance: At least 100 meters away for Large Animals and 50 meters for small animals and birds.					
2. Is there a sketch or map clearly defining the quarantine area in the property including all access roads and gates?					
3. Does it have a perimeter access routes to prevent entry of unauthorized persons?					

 1898		Republic of the Philippines Department of Agriculture BUREAU OF ANIMAL INDUSTRY	SPS Import Clearance	
This SPS Import Clearance is good for a single shipment only				
1. SPS Import Clearance No. ICDABAIQ10817171633	2. Place Issued QUEZON CITY	3. Date Issued 11/21/2017	4. Must Ship Out by Date 01/20/2018	

Border control measures



Cargo inspection

30-day quarantine period for live animals





Eeducation

- ASF Technical Advisory (released on August 31, 2018)
- Consultative Meetings with different stakeholders
- Information dissemination in collaboration with swine industry stakeholders



Republic of the Philippines
Department of Agriculture
BUREAU OF ANIMAL INDUSTRY
Diliman, Quezon City, Philippines

AFRICAN SWINE FEVER Technical Advisory 31 August 2018

The Philippine swine industry is one of the biggest contributors to the country's agricultural growth, posting over 16% increase in gross earnings, owing to the increasing demand for pork and production expansion. The country's total swine inventory is estimated at 12.78 million as of 1 July 2018. The Philippines ranks eighth (8th) in the world in terms of pork volume production and number of breeding sows. Historically, the country is free from African Swine Fever (ASF). Thus, incursion of the disease in the Philippines will result to great economic loss due to direct and indirect damages to the industry.

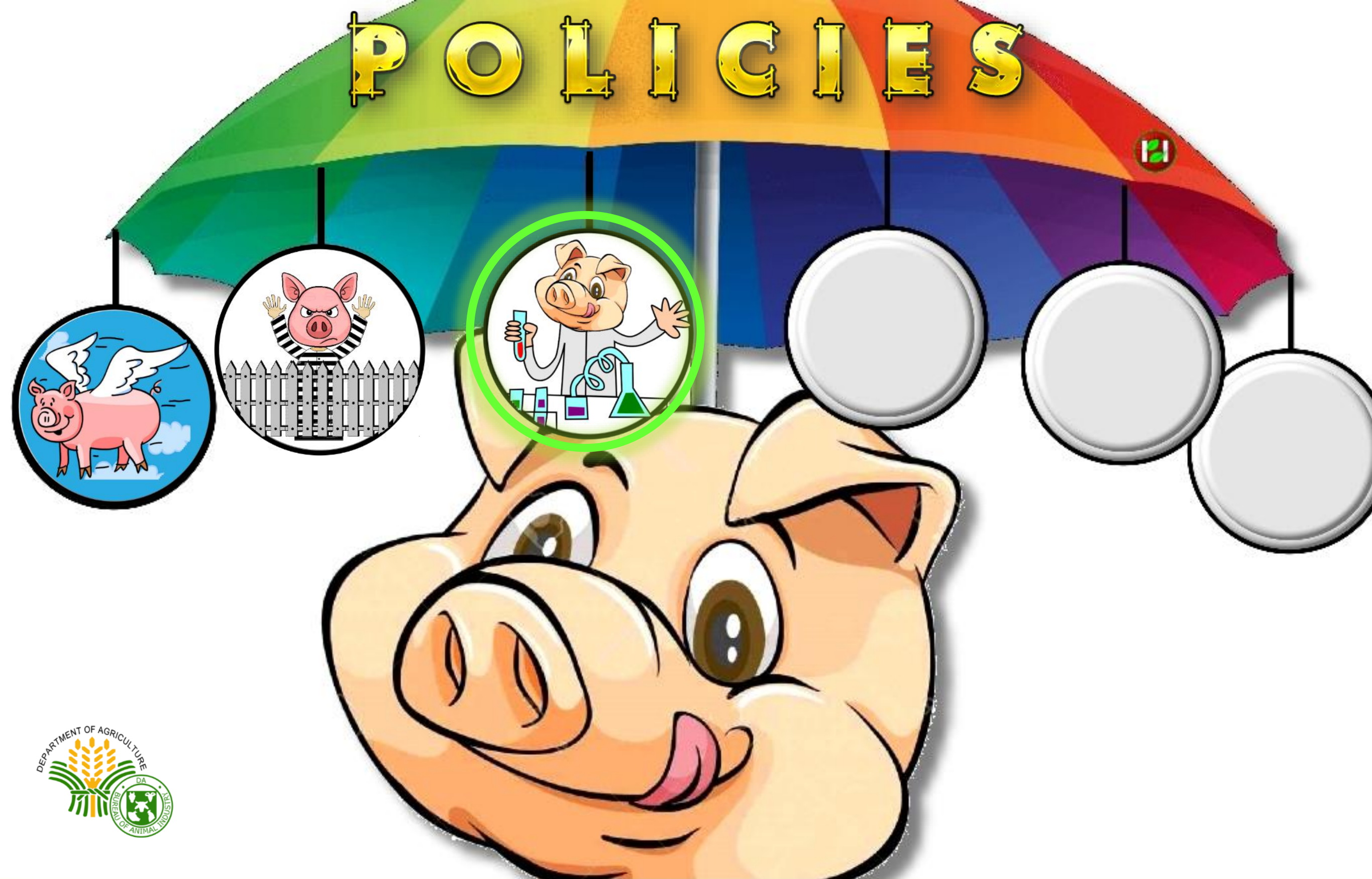
In relation to the current outbreak of ASF in South Africa, Europe, Russia and now in China, and to protect the local swine industry, the Department of Agriculture (DA) has issued the following Memoranda as part of precautionary measures to prevent the entry of the disease into the country, namely:

namely:
Memoranda as part of precautionary measures to prevent the entry of the disease into the country, and to protect the local swine industry, the Department of Agriculture (DA) has issued the following Memoranda as part of precautionary measures to prevent the entry of the disease into the country, namely:

indirect damages to the industry.
Thus, incursion of the disease in the Philippines will result to great economic loss due to direct and indirect damages to the industry.
Historically, the country is free from African Swine Fever (ASF). Thus, incursion of the disease in the Philippines will result to great economic loss due to direct and indirect damages to the industry.



POLICIES



Surveillance



BAI-AHWD list

Priority swine diseases

- 1. Classical swine fever**
- 2. Foot And Mouth Disease***
- 3. Aujeszky's Disease**
- 4. Porcine Epidemic Diarrhea**
- 5. Porcine Reproductive and Respiratory Syndrome**
- 6. Brucellosis**
- 7. Ebola Reston**
- 8. African Swine Fever***

*preparedness plan

Animal Health and Welfare Division

“Internal policy guide on flow of communication

ROUTINE Animal Disease Reporting



BAI

REGION

DARFO Regional Animal
Disease Diagnostic
Laboratories (RADDLs)

PROVINCE

Prov. Veterinary Office or
Prov. Agriculturist Office

**CITY OR
TOWN**

Veterinary Office or
Agriculturist

VILLAGE

Livestock Inspectors
or Agric. Tech.



**Philippine
Animal Health
Information
System**

Policy in operation: We welcome SMS reports

BASIC FORMAT:

Follow the TAP pattern

- Time, Animal, Place
- Plus contact person

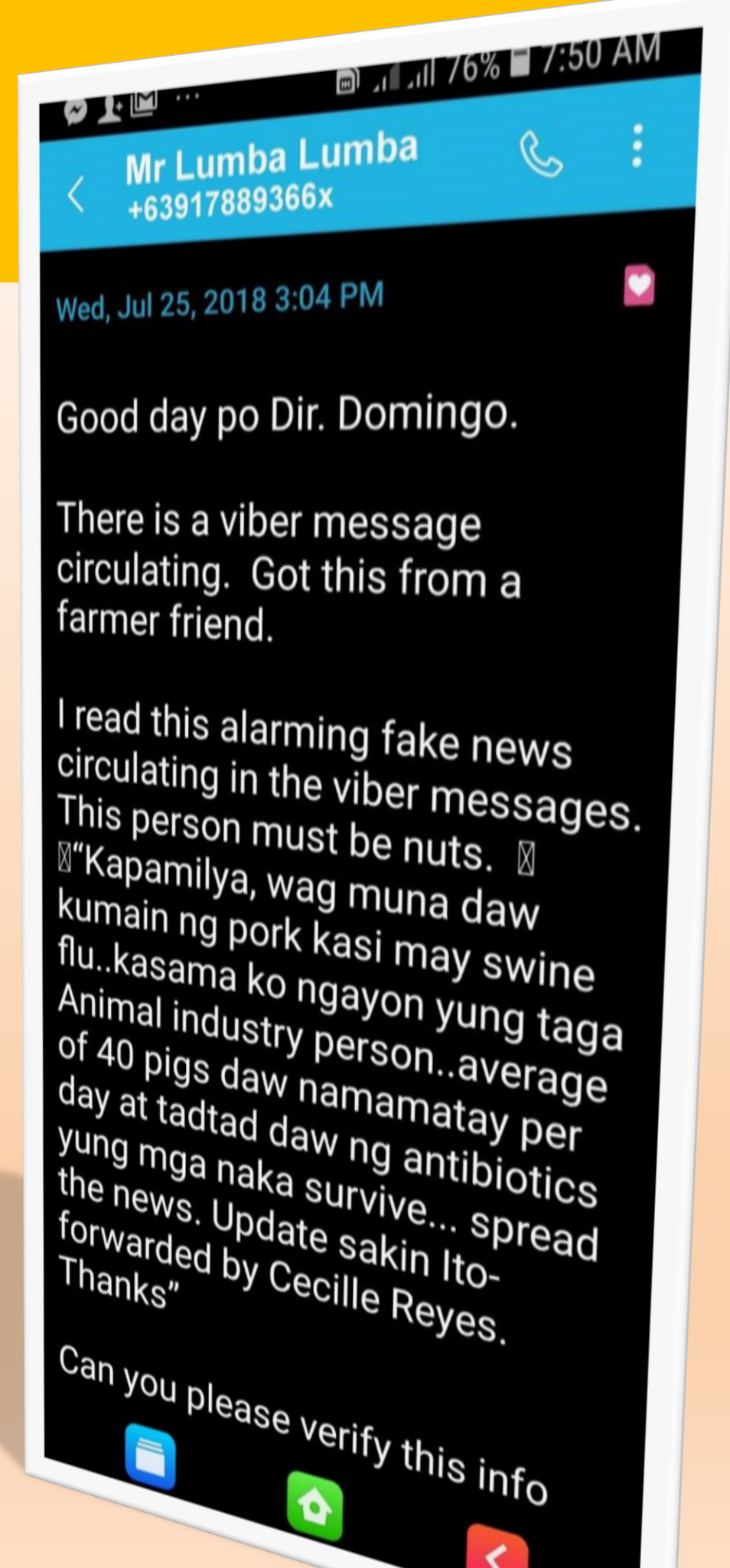
Send to BAI Surveillance

HOTLINES:

SMART 0919-574-4772

GLOBE 0995-132-9339

SUN 0942-972-7142




ONLINE REPORTING

We made reporting user-friendly

Phil-AHIS

Online Reporting Services Maps Summary Reports Downloads Contact




Rabies Cases

Data entry for rabies cases from the laboratory confirmed data.

(You must log-in to view details)

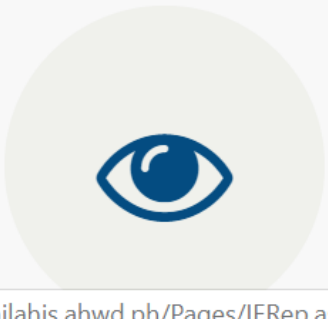
[Enter Details](#)



Animal Disease Incident Report


Brief report of the animal health problems encountered by a concern individual for quick notification to BAI Animal Health Officer.

[Report Now!](#)



Disease Investigation Report

Detailed Outbreak investigation report from



List of Outbreak Report

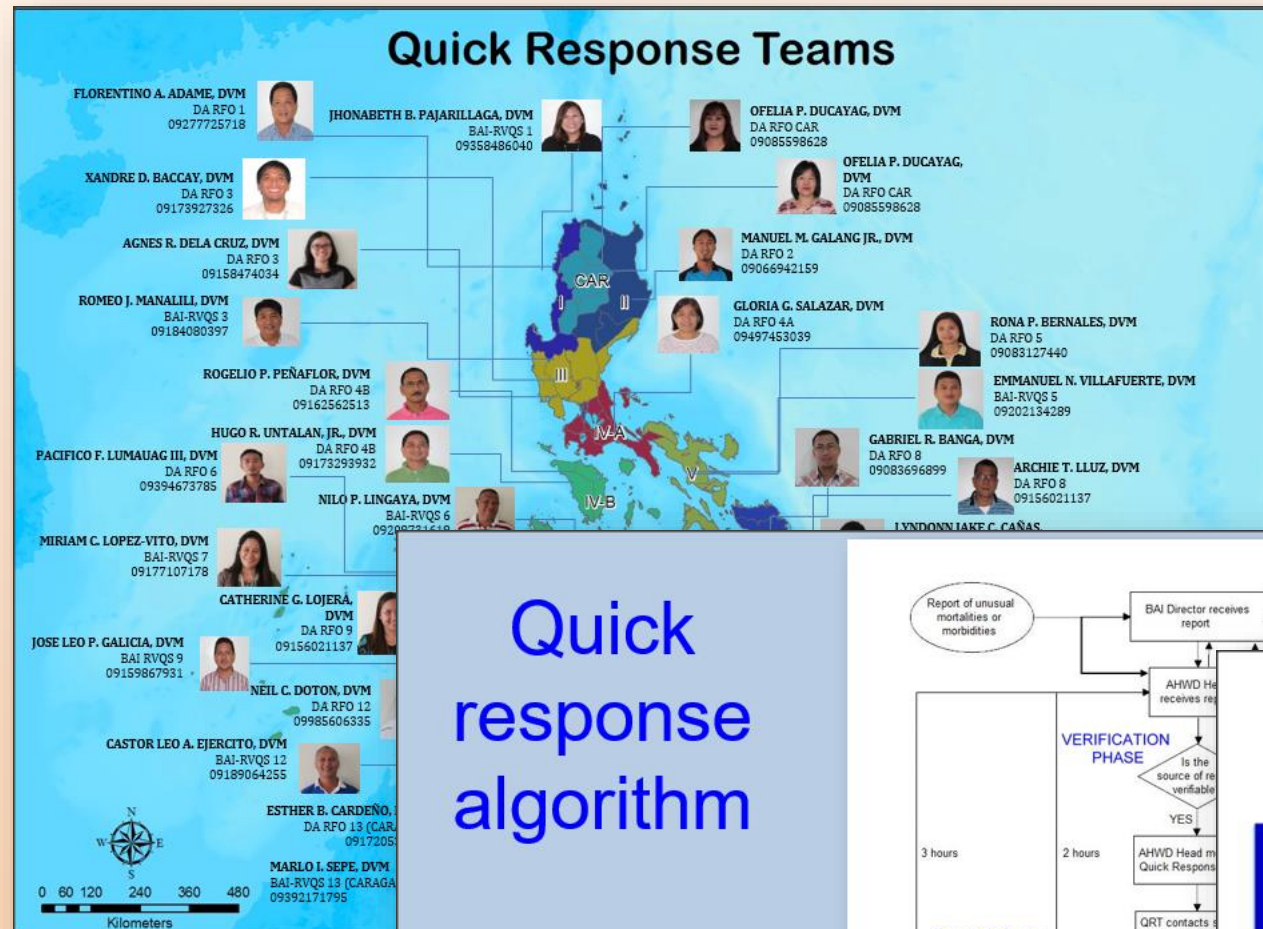
Confirmed Outbreak Report List.

(You must log-in to view details)

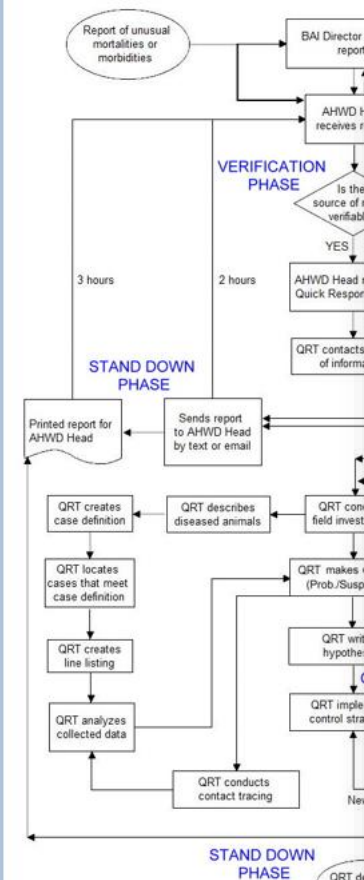
www.philahis.ahwd.ph/Pages/IERep.aspx

7:53 AM 26/09/2018

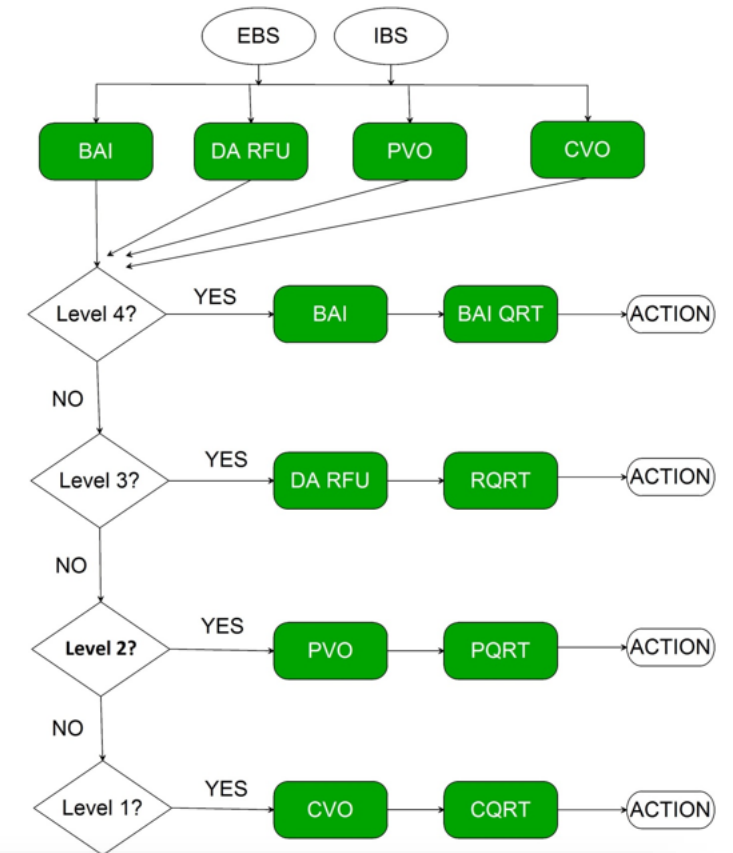
Policy in operation: Internal protocols



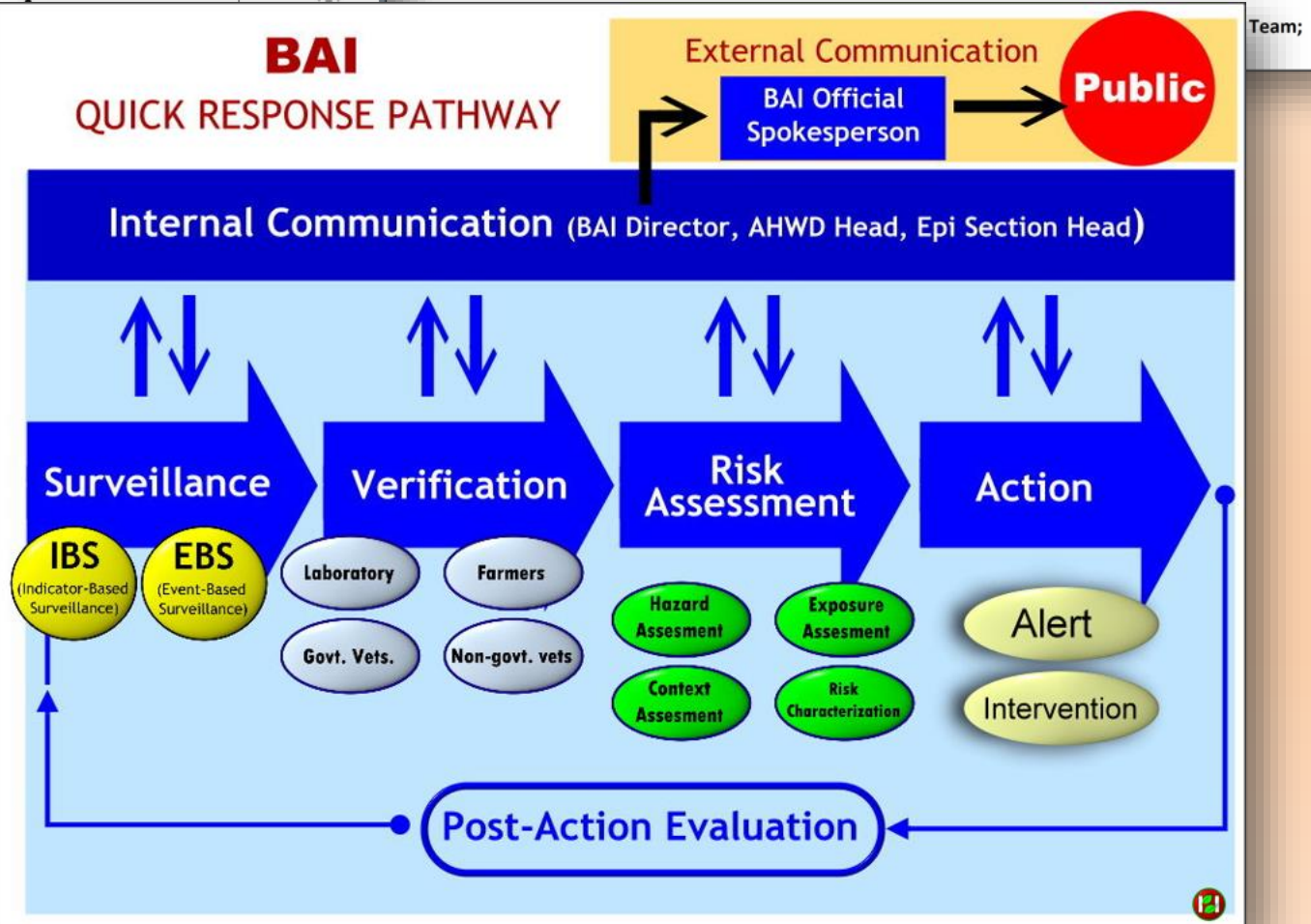
Quick response algorithm



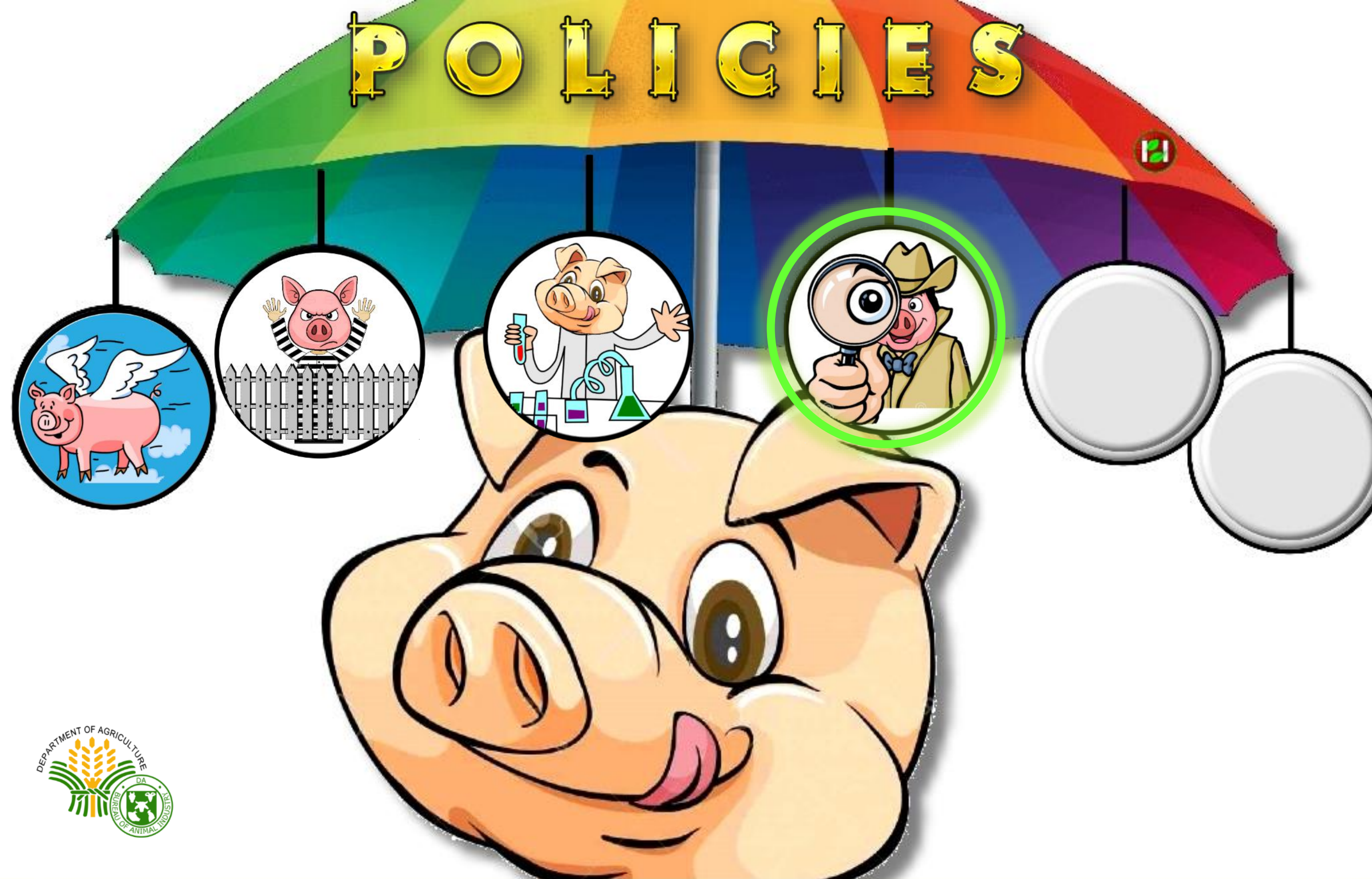
Levels of Response



BAI QUICK RESPONSE PATHWAY



POLICIES



Research



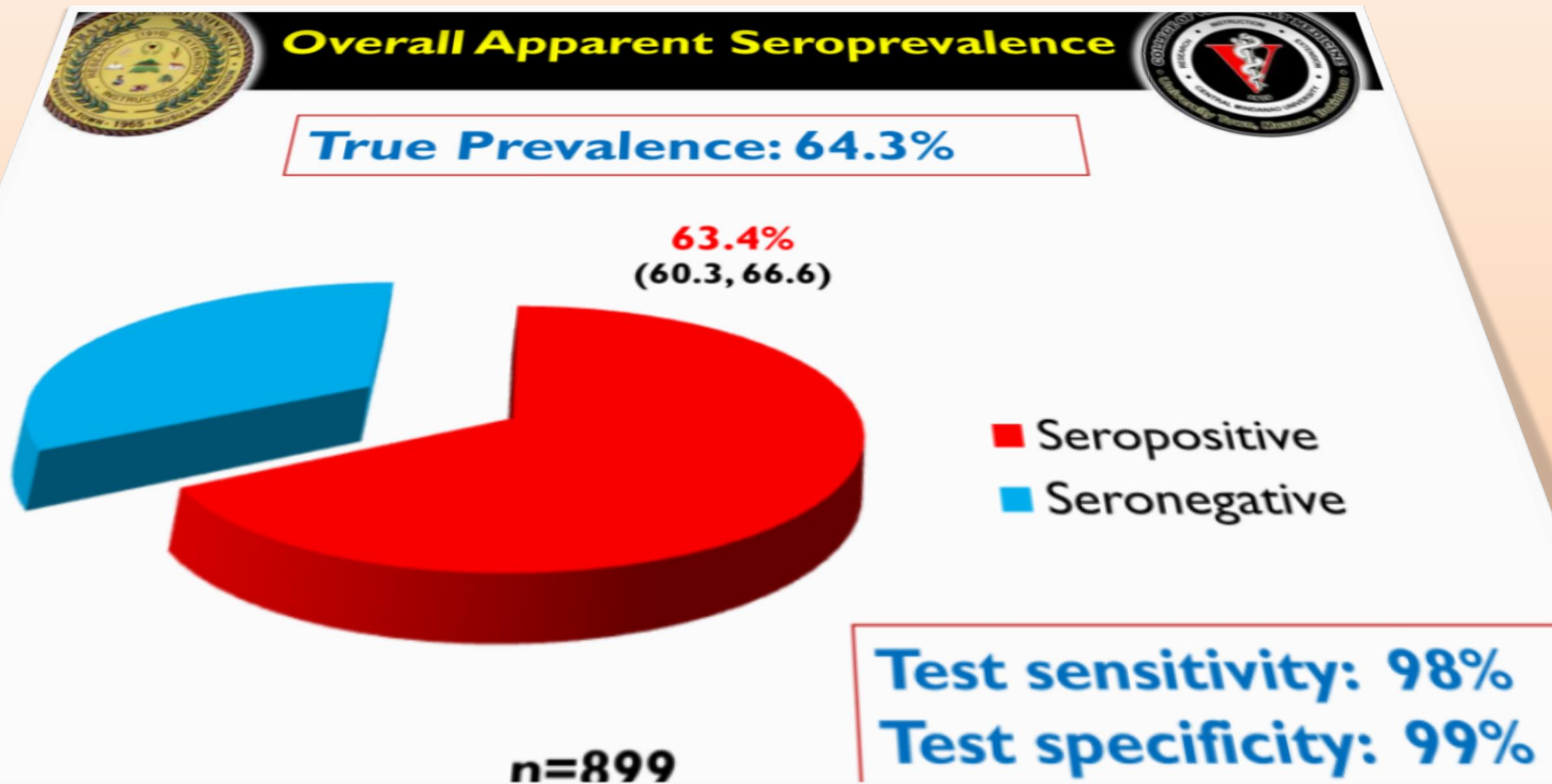
USDA-DA- UPLB

PL480 project- P168m

- Profiling of economically important diseases in the Philippines

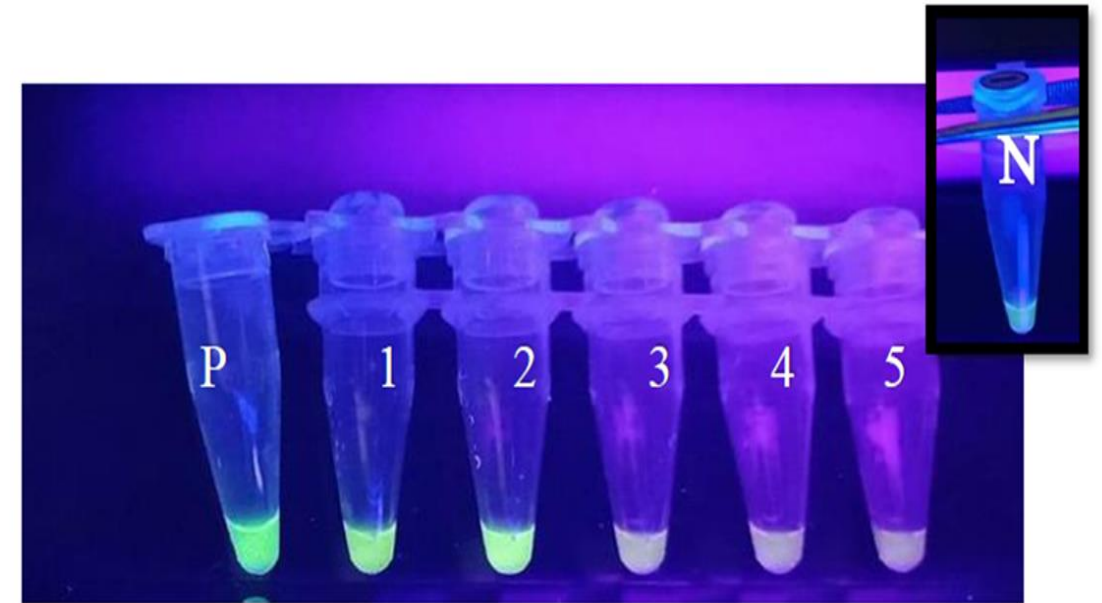
BAI-CMU Hog Cholera

SURVEY on unvaccinated pigs in Mindanao, 2017-2018

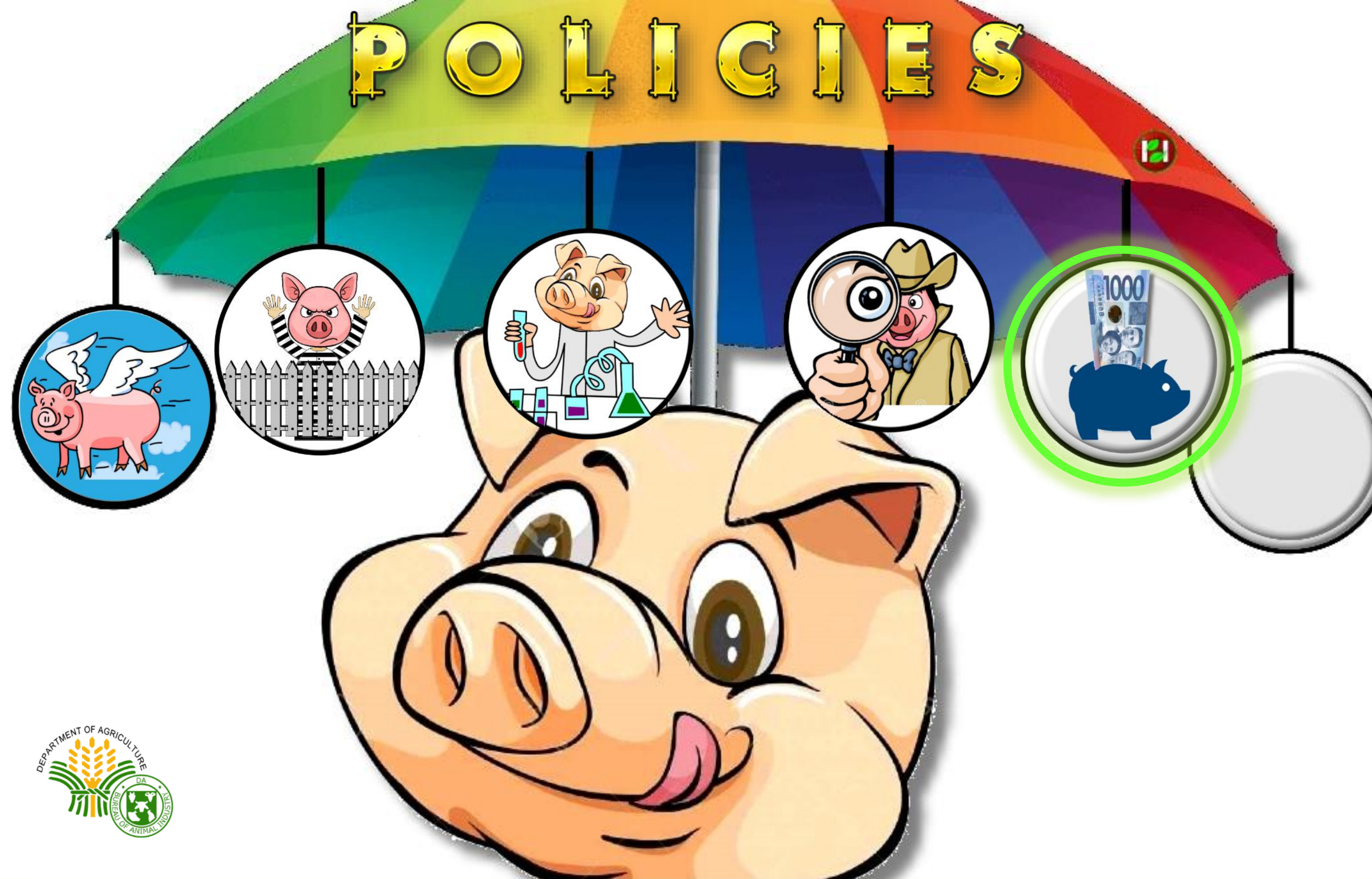


BAI-CavSU **PED** Research

Prevalence among swine farms in CALABARZON



POLICIES



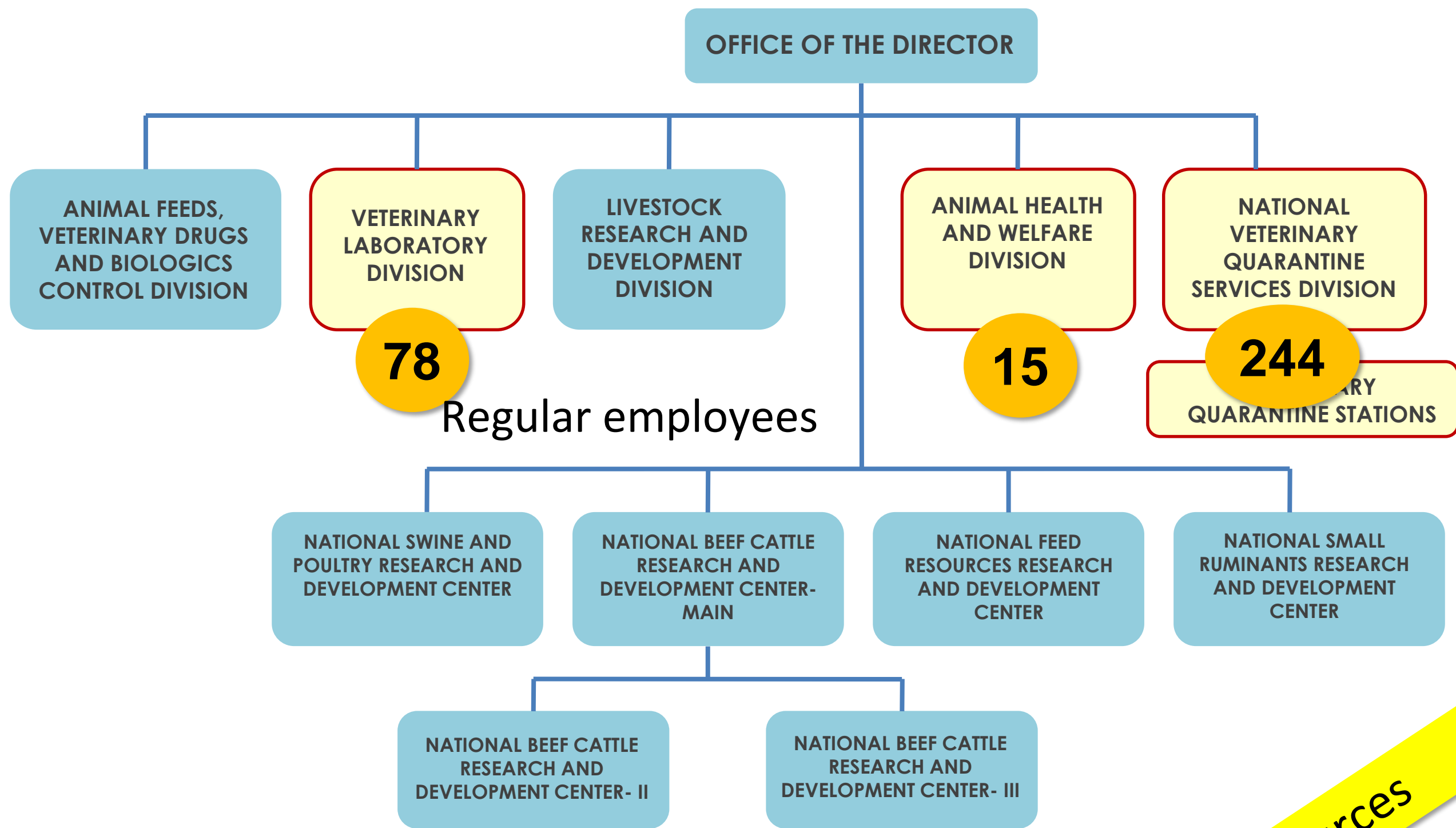
Resources

Supplies for the CSF control program



Resources

ORGANIZATIONAL STRUCTURE



Laboratory Support

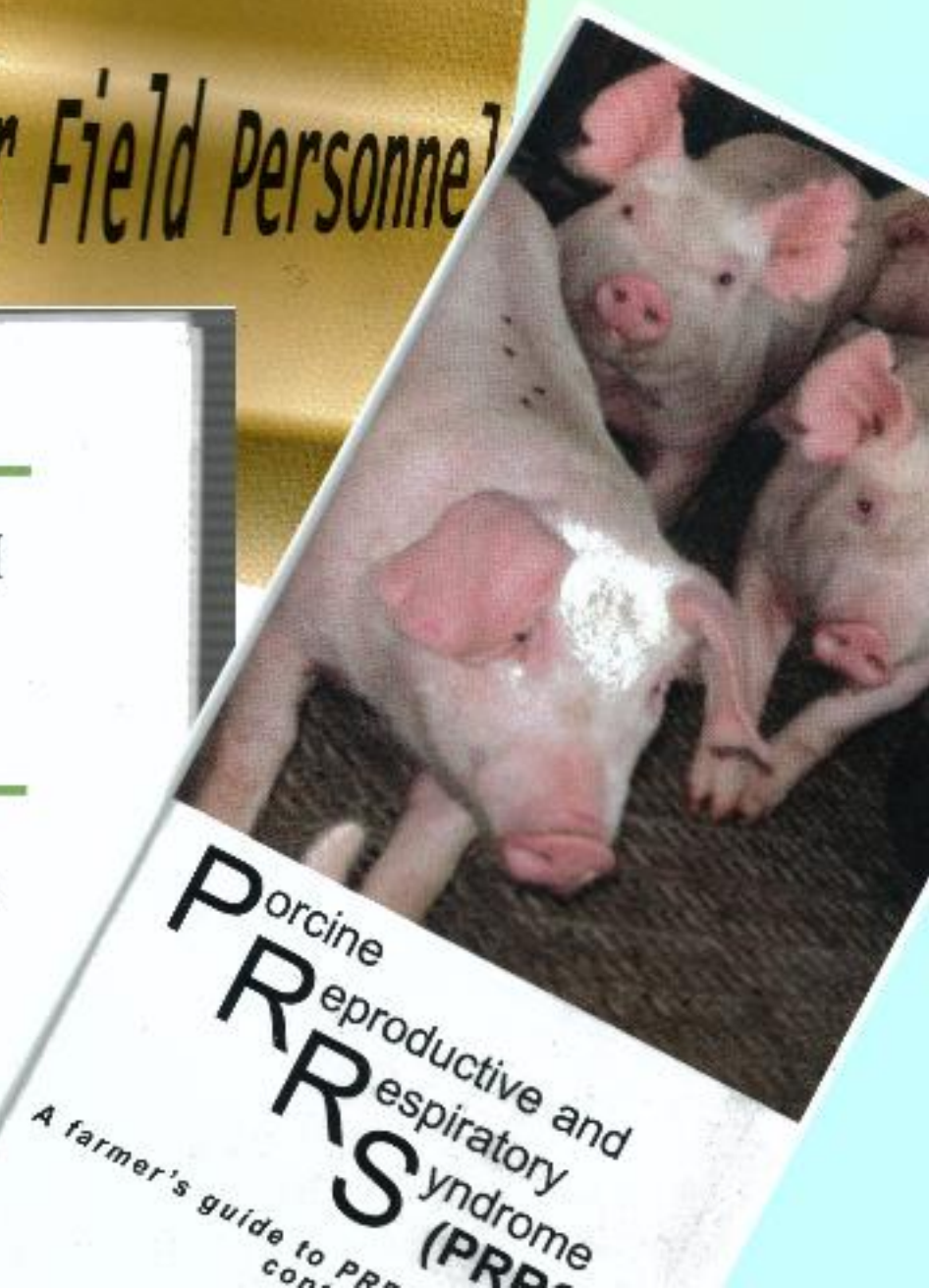
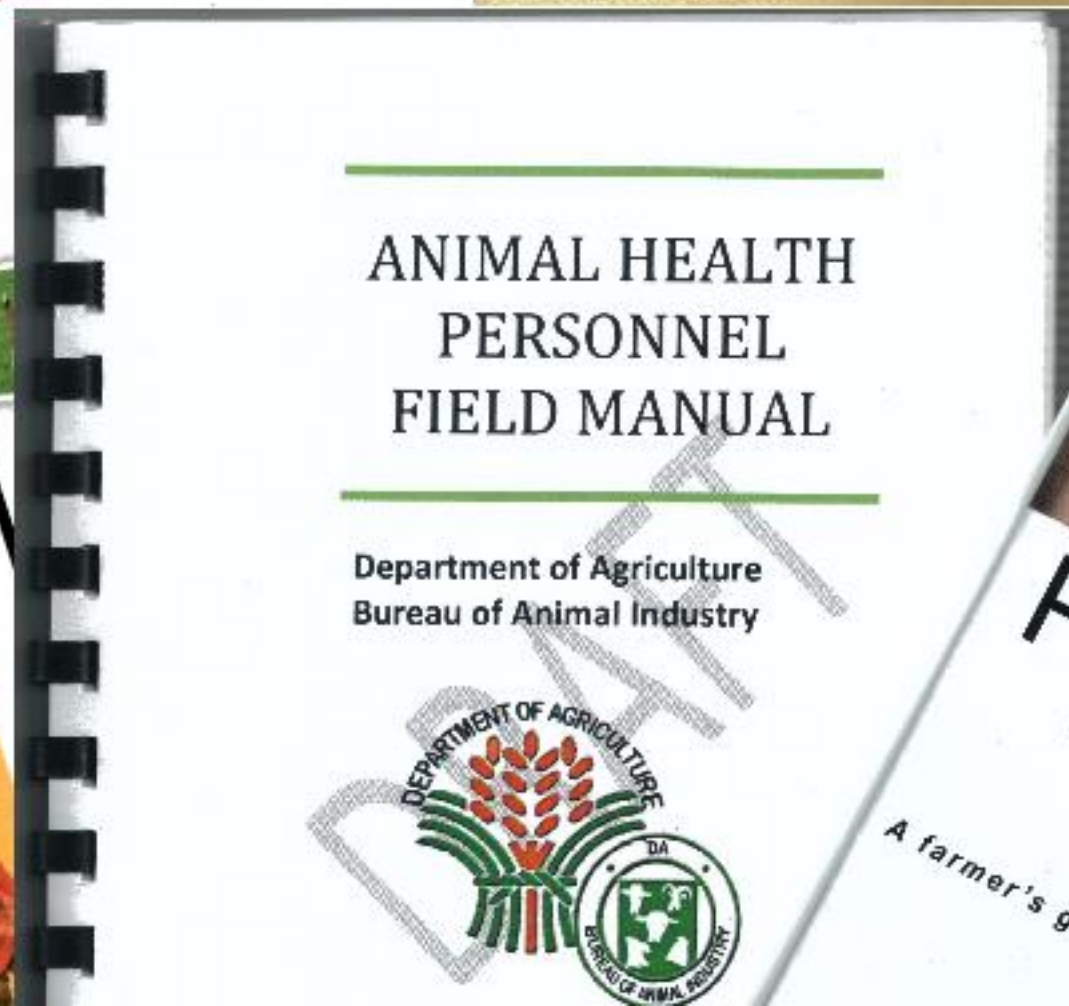
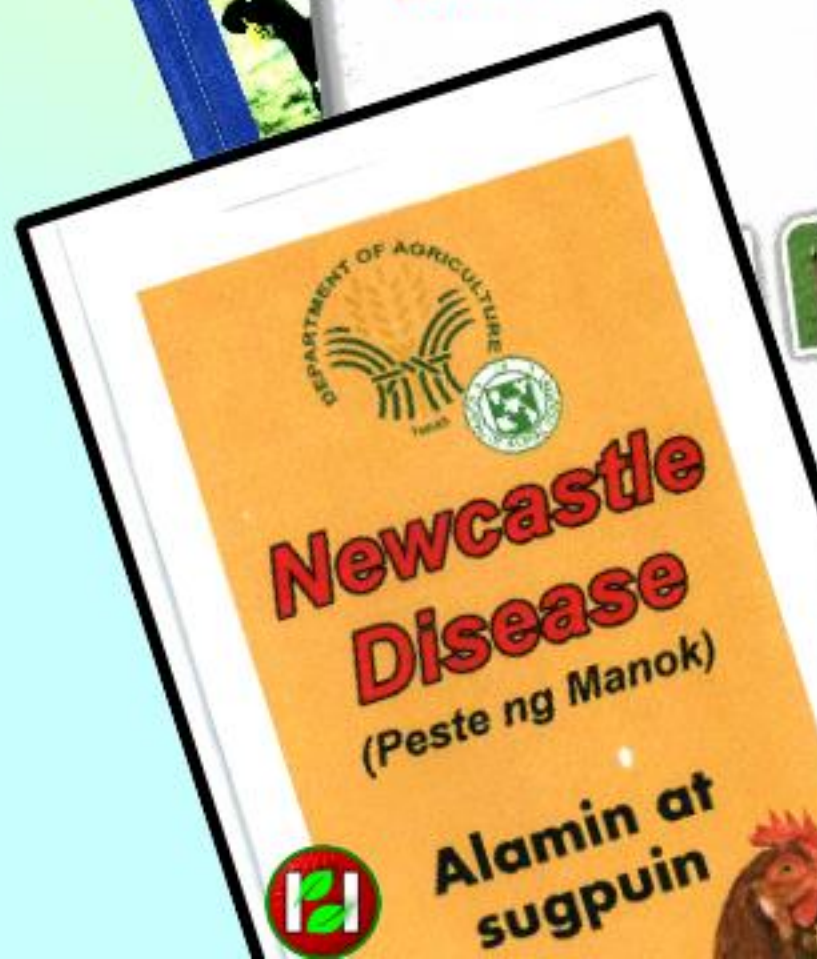
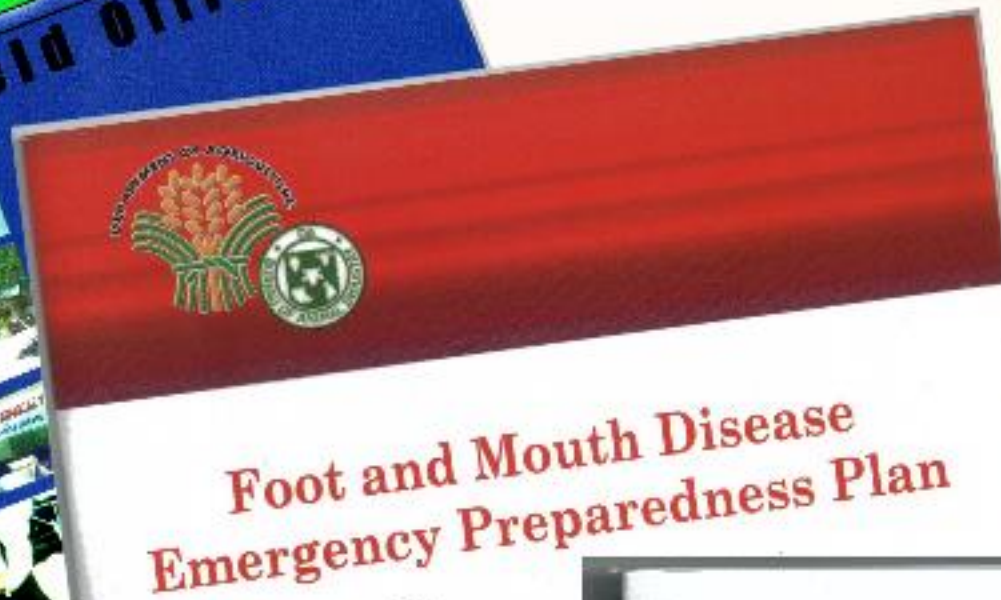
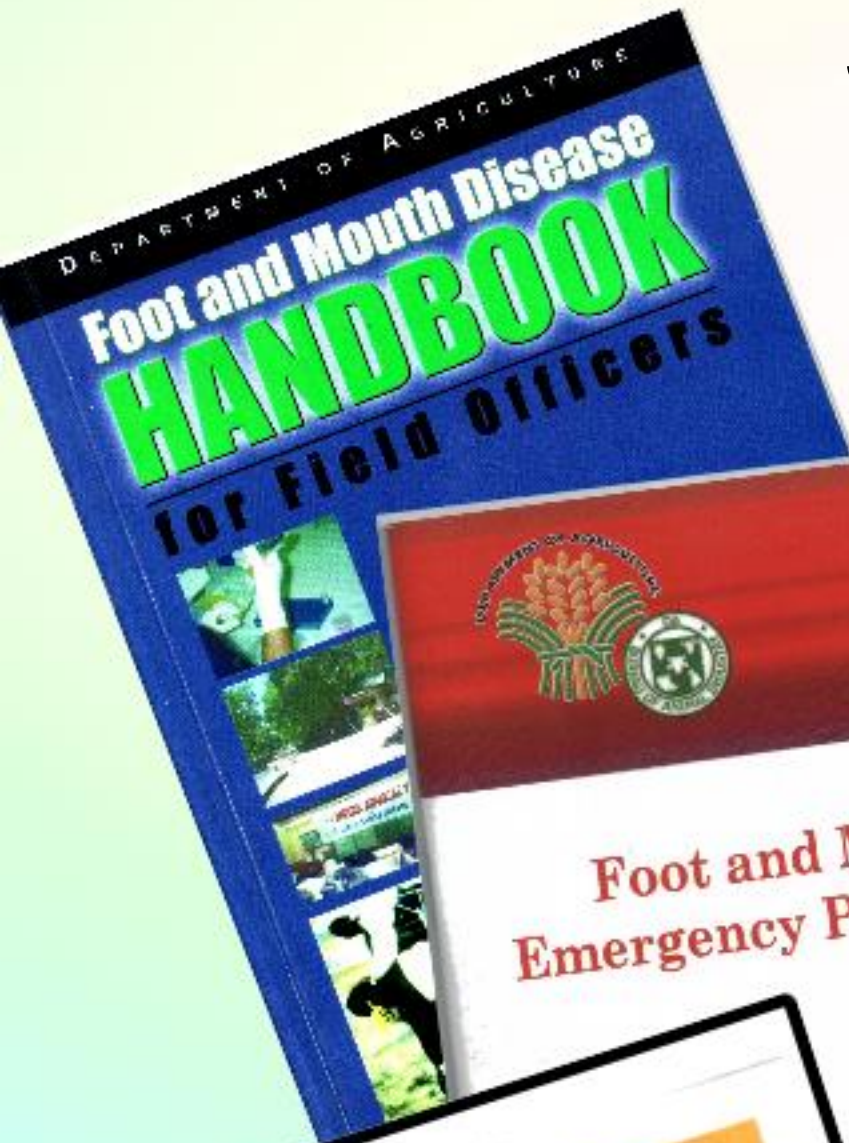
1. Animal Disease Diagnosis and Reference Section of the BAI-Veterinary Laboratory Division
2. 12 Regional Animal Disease Diagnostic Laboratories (RADDLS)
3. LGU diagnostic laboratories
 - Bulacan – Animal Disease Diagnostic Laboratory (ADDL)
 - Negros Occidental (Bacolod City)– Provincial Veterinary Office (PVO)
 - Negros Oriental (Dumaguete City) – PVO
 - Puerto Prinsesa City (PPC) – City Veterinary Office (CVO)
4. Rabies laboratories
 - RADDLs
 - DOH-Research Institute for Tropical Medicine (RITM)
 - Ilocos Norte - Provincial Rabies Diagnostic Laboratory (PRDL1)
5. Avian Influenza laboratories
 - RADDL II, III, VII, IX , X, and XII



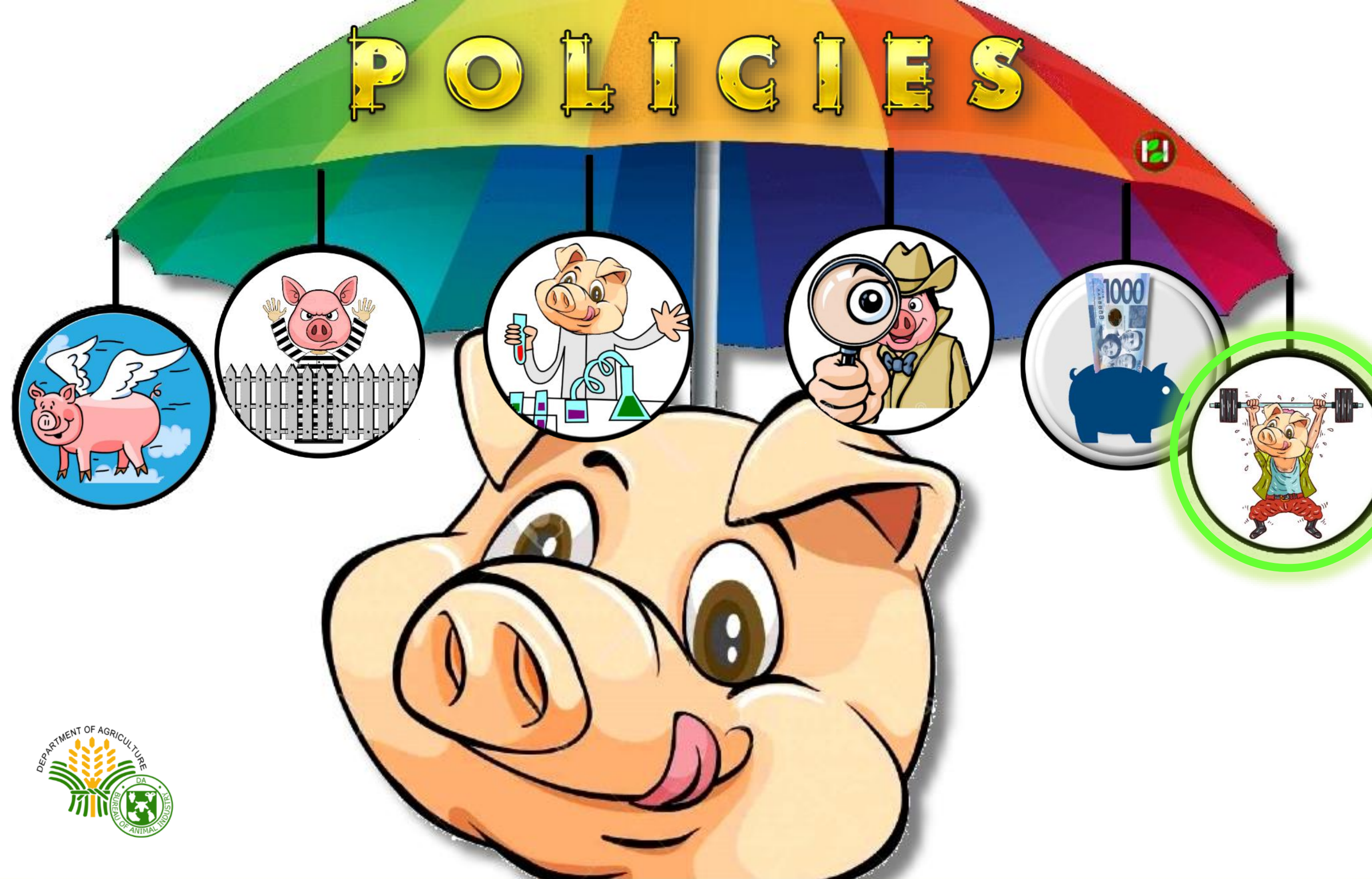
Multi-agency support



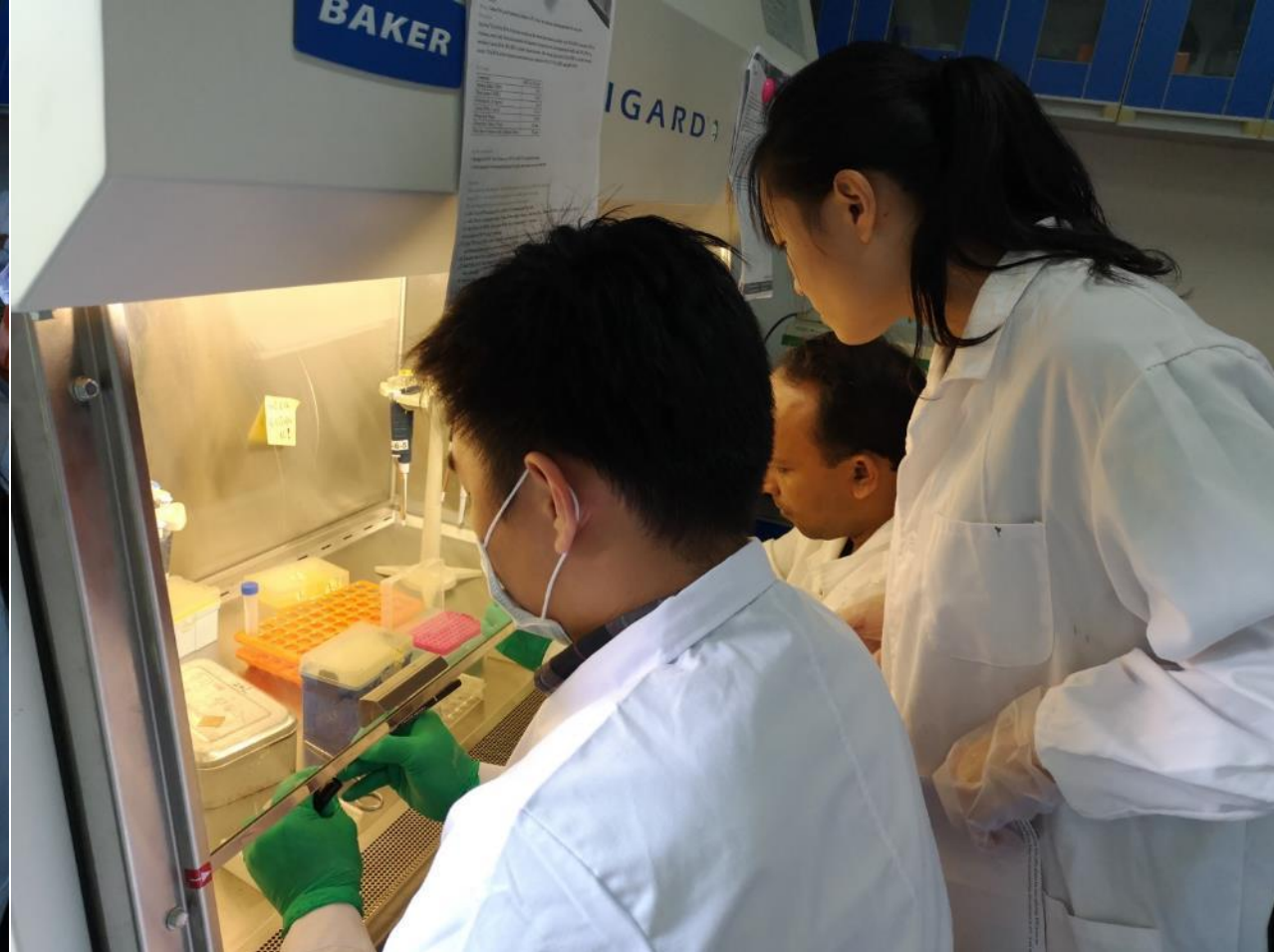
Sample Philippine publications for TADs



POLICIES



Capacity Building



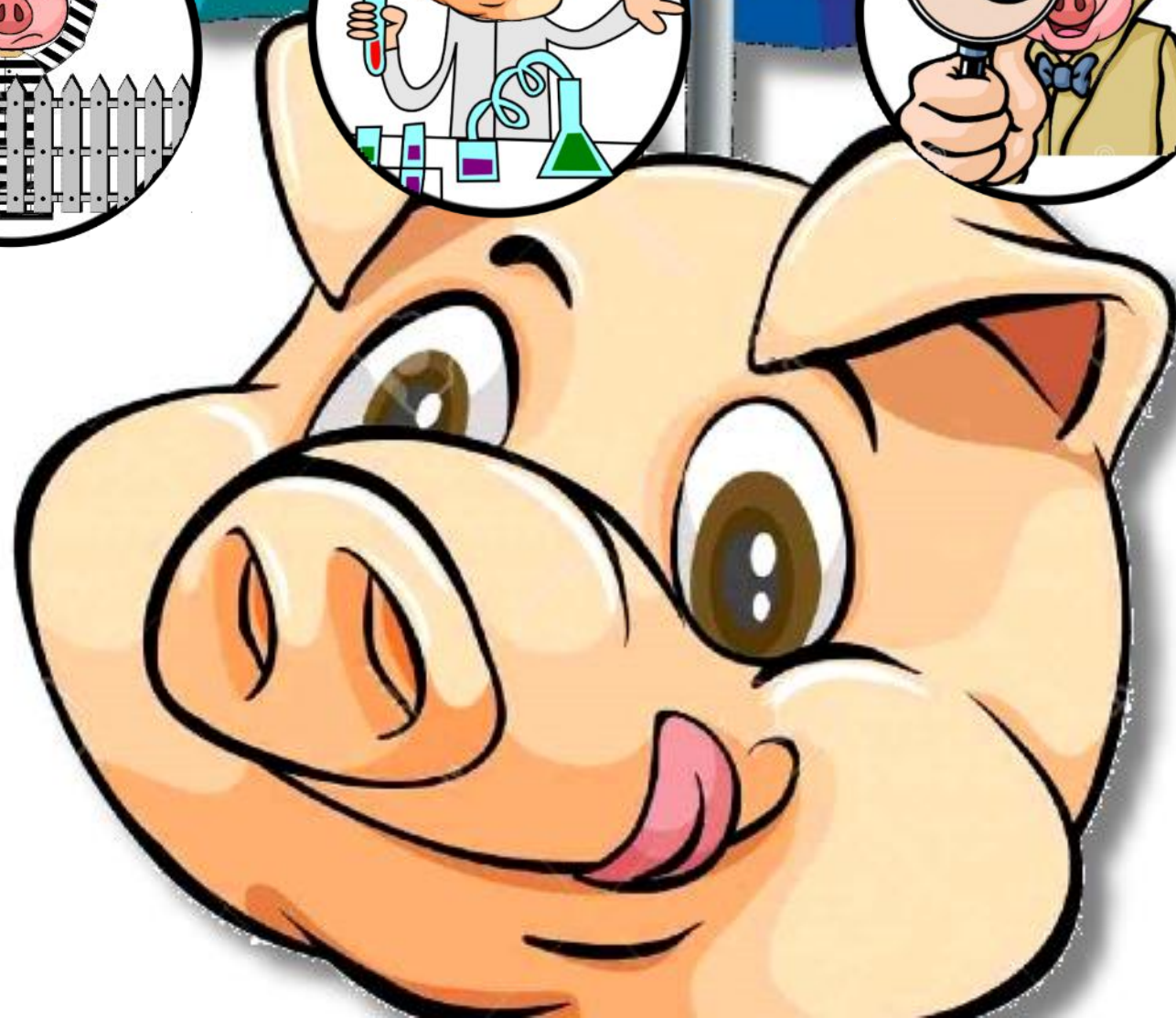
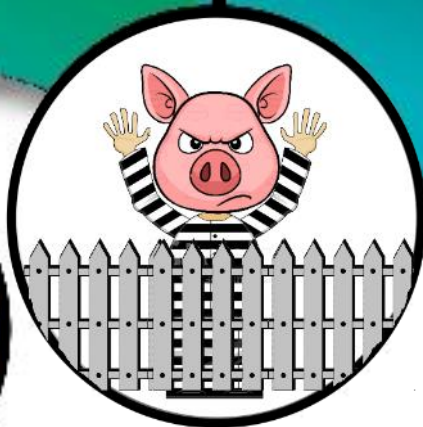
Swine

Technology Training Course on Prevention and Controlling Animal Infectious Disease in Guangxi, China last September 2018

Training of field personnel in the Regions of Mindanao for detection of swine diseases and proper sample collection



POLICIES







 Visayas Avenue, Diliman, Quezon City, Philippines

 www.bai.da.gov.ph

 www.facebook.com/bai.da.gov.ph

 www.twitter.com/bai_official

 928-1778 | 928-2836 | 927-0971

 926-6866 | 928-2177 | 927-2429

Thank you!

