



Food and Agriculture Organization
of the United Nations

Emergency Management Centre for Animal Health

Resilience against Agro-crime and Bioterrorism





- **Biocrime** – the threat or use of biological agents for **individual objectives** such as revenge or financial gain
- **Bioterrorism** – the threat or use of biological agents by **groups or individuals motivated** by political, religious, ecological or other **ideological objectives**
- **Agroterrorism** – a subset of bioterrorism, defined as the deliberate introduction of **animal or plant pests** with the goal of generating fear, causing economic damage, and/or undermining social stability*
- Historical and recent examples of the use, threat, or development of bioweapons against livestock



But also...

MANILA, Philippines – The Department of Agriculture (DA) pointed to **smuggled pork as the culprit behind the outbreak of African swine fever (ASF) in the Philippines.**

Agriculture Secretary William Dar said in a press briefing on Monday, November 4, that illegal shipments were seized by authorities at the Port of Manila last October.

Shipments were declared **as tomato paste**, but were later **discovered to be pork upon physical inspection.** Tests then confirmed that **the meat was positive for ASF.** Dar went on to say that these products were likely dumped in Rodriguez, Rizal, where local hog raisers fed the infected meat to pigs.

Far East swine herd is down by about 40%, and the shortage **has caused prices to soar.** Government agencies are now eyeing pressing charges against traders. Smuggling probes are within the jurisdiction of the Bureau of Customs. – Rappler.com



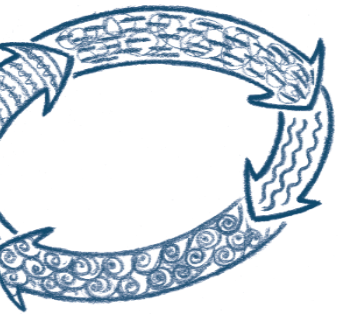


Canada says bogus certificates are being used to smuggle meat into China

Kelsey Johnson OTTAWA (Reuters)

- Unknown actors are using bogus certificates to smuggle Canadian meat into China, Trade Minister Jim Carr said on Wednesday, a day after Beijing halted beef and pork imports citing falsified paperwork. China, which has already blocked imports of Canadian canola seed and product from three pork plants, wanted Ottawa to halt all meat shipments after “counterfeit” veterinary health documents were discovered. **Canadian officials confirmed they had found inauthentic certificates.**

China suspended exports from Quebec-based pork company Frigo Royal last week after Beijing said residues of the feed additive ractopamine, which makes hogs leaner, had been found. Ractopamine is banned in China. Two other plants lost their permits because of labeling issues.



Man caught selling 'ASF-infected' pork in QC
By CNN Philippines Staff

Published Oct 6, 2019 12:08:32 PM



- 1 Metro Manila (CNN Philippines, October 6)
— Authorities nabbed a man Sunday morning in Barangay Bahay Toro, Quezon City, for selling what they claimed to be pork infected with African Swine Fever (ASF) virus.



Gangs in China Fake Outbreaks of African Swine Fever

Jennifer Shike

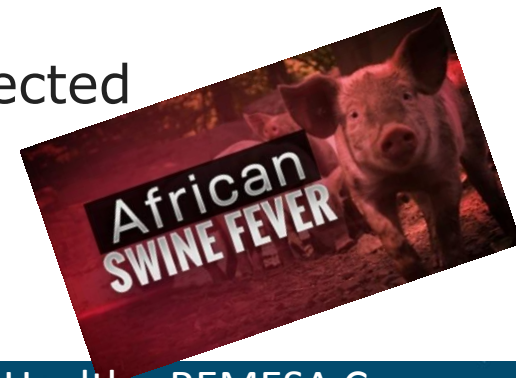
July 12 2019

the Chinese Ministry of Agriculture and Rural Affairs said.

Criminal gangs are faking outbreaks of African swine fever (ASF) on farms free of the disease causing farmers to sell healthy pigs at sharply lower prices,

The gangs are taking advantage of this deadly virus that has overtaken much of China while disrupting the world's largest pork market.

[Reuters](#) reported that the scam involves dumping dead pigs on farms and then spreading rumors that the farms are infected with ASF.





Intentional or not, the introduction of pathological agents affecting Animal health has an impact on:

- **Economy** (national, individual...)
- **Reputation risks** (trade, export, consumption...)
- **Food security** (availability, prices)
- **Food safety** (uncontrolled animal product)
- **Human health** (zoonotic issues)



WHAT ?

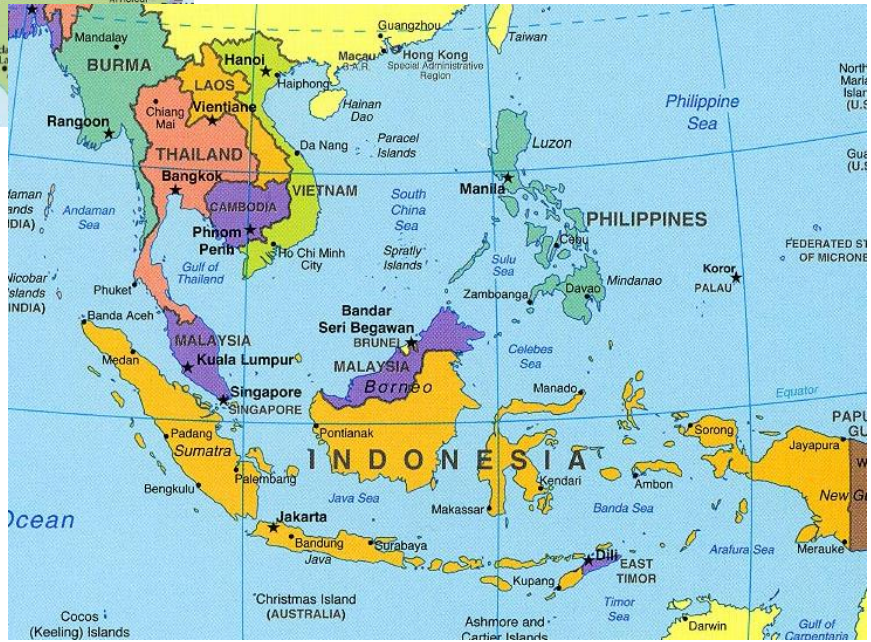
Strengthen national and international capabilities to rapidly identify, confirm, assess and respond to biological attacks or incidents.



WHERE ?



IRAQ
Synergy between DTRA
and GAC project





WHO ?

Veterinary services

Surveillance network

Law Enforcement Agencies

Customs



HOW ?

ASSESSMENT

RAISE CAPACITIES AND TRAIN

EXERCISE AND TEST



HOW ?

PVS (OIE 4)
TWINNINGS
GUIDELINES

Surveillance Evaluation Tool (SET)
Laboratory Mapping Tool (LMT)

added modules related to agro-
crime & Bio-Terrorism
e.g. UN .1540 / Border control

Gap Analysis
Regional synthesis

Good Emergency Management Practices
(GEMP) Guide, Manual, Trainings, training
of trainers,

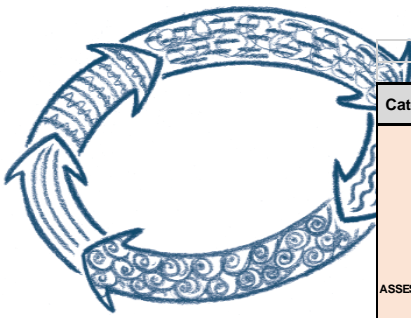
Tool Box.

**Regional / National
simulation exercises**

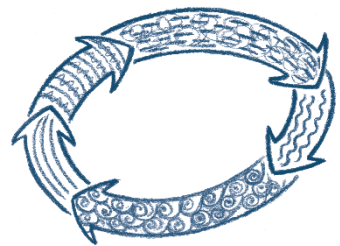


WHEN ?

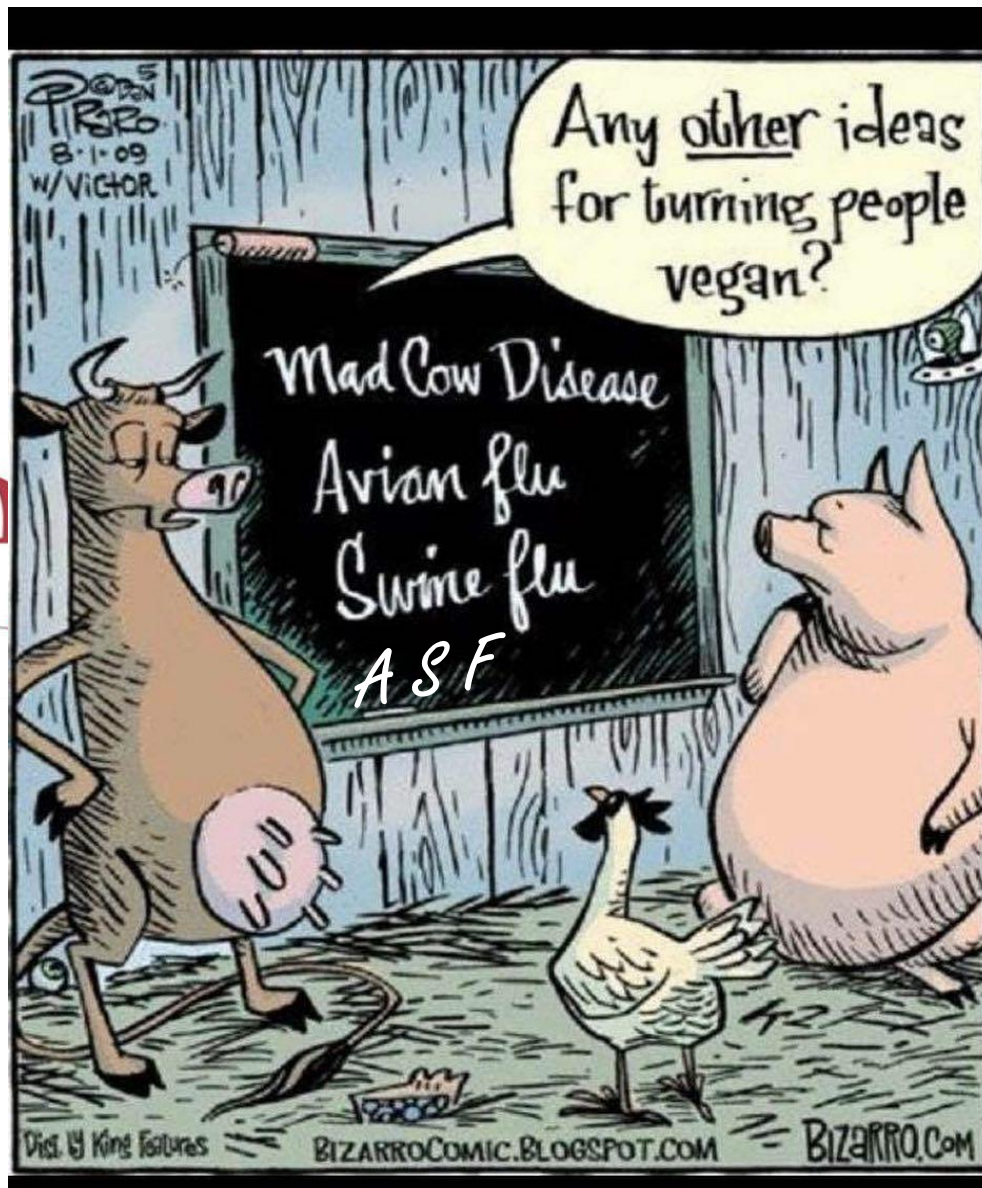
- Financial convention signed with OIE
 - April **2019**
- Recruitment of Coordinator
 - July 2019
- Started on 26th August
- Sept work plan OIE coord meeting
 - OIE 19 sept project operation committee
- Oct Nov 2019 Messages to FAO reps
 - Updates on bioterrorism and related simulation exercises
 - G7 Paris **Global Partnership Biological Security**
 - **Colombia . OEA bioterrorism & Bio custody (UN 1540)**
 - Portugal : Army cellulex19
- December Regional activities (contact with targeted pilot countries)
 - REMESA (Cyprus)
 - GEMP regional training South East Asia (Djakarta)
- By December: request from targeted pilot countries
- SET LMT work-plan program for **2020**
 - 1st – 11th June
 - 3rd 14th Aug
 - 5th 15th Oct
 - 1st 10th Dec
- GEMP tool box (LoA CIRAD)



Category	Sub-activity	Description	Lead Org	Year 1				Year 2				Year 3				?	?	?	?	?
				2018	2019			2020			2021				2022					
				TRIM4	TRIM 1	TRIM 2	TRIM 3	TRIM 4	TRIM 1	TRIM 2	TRIM 3	TRIM 4	TRIM 1	TRIM 2	TRIM 3	TRIM 4	TRIM 1	TRIM 2	TRIM 3	TRIM 4
ASSESSMENT	1: Global agro-terrorism and agro-crime threats and trends analysis / risk assessment and meeting to review outcomes	Global analysis of data	OIE																	
		Meeting to review outputs of the global analysis	OIE																	
	2: Gap analyses using data from FAO Laboratory Mapping Tool (LMT) and Surveillance Evaluation Tool (SET)	Expertise to undertake the analyses	FAO																	
	3: Cost benefit analysis	Expertise to undertake and produce a cost benefit analysis	OIE																	
PREPARATION	4: Horizon scanning workshop	Organisation and logistics of the workshop	OIE																	
	5: Develop and refine toolbox	FAO GEMP advanced	FAO																	
	6: PVS activities	FOUR Ad Hoc Group meetings	OIE																	
		FOUR PVS missions	OIE																	
TRAINING & EXERCISE	7: 4 SET and 4 LMT 'special' missions	Four Laboratory Mapping Tool (LMT) missions	FAO																	
		FOUR Surveillance Evaluation Tool (SET) missions	FAO																	
	8: Agro crime Work Shop	Organisation and logistics of the meeting	OIE	X																
	9: Joint regional trainings in principles of emergency management	Three Joint regional trainings	FAO																	
	10: Trainings on contingency planning and standard operation procedures, and train the trainer workshops in running of simulation exercises	FOUR trainings on contingency planning and standard operation procedures	FAO																	
		THREE train the trainer workshops in running of simulation exercises	FAO																	
	11: One 4-day regional command and control training workshop for agro-terrorism events	Organisation and logistics of the workshop	INTERPOL																	
	12: Mentorship : 5 secondments of national veterinary experts and law enforcement officials to participate in planning and running of simulation and table top exercises	Travel of experts and perdiems	OIE																	
	13: Regional level joint INTERPOL-OIE-FAO table top/simulation exercises	THREE simulation exercises	FAO																	
	14: International simulation exercise (OIE-FAO-INTERPOL)	Organisation and logistics of the exercise	OIE																	
COORDINATION	15: Governance – 3 face to face meetings of Steering Committee	Organisation and logistics of the meeting	OIE																	
	16: Project Coordination	Project coordinator at OIEHQ	OIE																	
		Technical Assistant at OIE Regional Office	OIE																	
		1 FAO project coordinator	FAO																	
17: Develop communications materials	Expertise for INTERPOL	INTERPOL																		
	Consultant + Communication agency	OIE																		
18: Global Conference on emergency management	Organisation and logistics of the Global Conference	OIE																		



Oie



INTERPOL