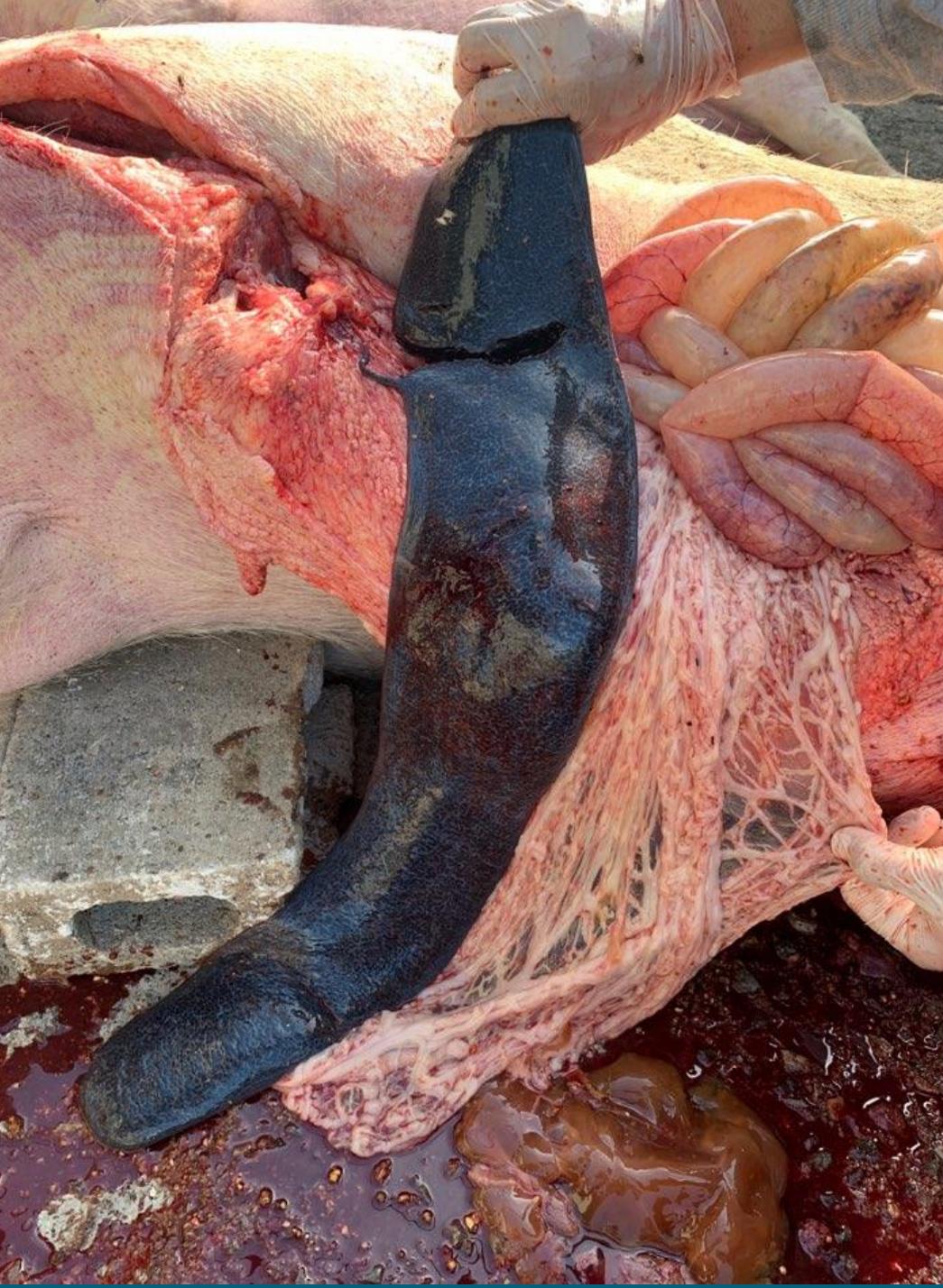




Biosecurity audit na may Partikular na Sanggunian sa ASF: Ang Papel ng Veterinarian



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We are in a monumental disaster on Luzon

- ASF spreads like wild fire through a local pig population
- A primary reason we lost control was in the first week took too long to recognise. This must not happen on the other islands.

Now distraction with
Coronavirus COVID-19



But in isolated farms with great biosecurity will survive

- Farmed in the Ukraine with ASF for 10 years.

- But biosecurity is everything

- ASF is a kissing disease – there has to be close contact with the virus – it is not airborne.

It has to be carried to the pig



Who will get sick?

In an infected area:

90% of farms less than 250 sows will get ASF

10% of farms more than 500 sow will not get sick

Assuming there is some distance between them!

This is all biosecurity!

European risk factors in ASF!

We need something similar in Philippines

Risk factor	Cases	Percent
Pig movement	108	38%
Food waste feed	100	35%
Unknown cause	65	23%
Additional infection around the infected farm	5	2%
ASFV-infected wild boar	4	1%
ASFV-infected pig trade	1	0.5%
Direct contact by contaminated workers	1	0.5%

Risk factors relevant to the Philippines

- Pigs eating contaminated pork products
- Swill feeding should be banned – but!! I appreciate the social problems.
- Backyard pigs are going to be fed swill and they are going to get ASF.



Location

- To most commercial pig farms this will be the number one issue
- Commercial farms have stayed free from infected backyard pigs with 200 m – but this is small numbers
- Commercial farms have stayed free from another infected commercial farms at **1km** distance.



Transport





Transshipping
develop
off-farm
grey zone
on-farm



Perimeter fence

- Almost none of the farms I have visited in the Philippines have an adequate pig proof perimeter fence
- Smell fencing?
- Electric fencing?







What are we trying to keep off the farm with the perimeter fence?

- The vet?

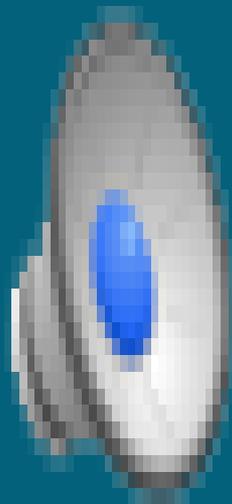


What are we trying to keep off the farm with the perimeter fence?

- The pigs?



There are pigs everywhere



Keep off?

- Dogs



Keep off?

- Cats?



Keep off?

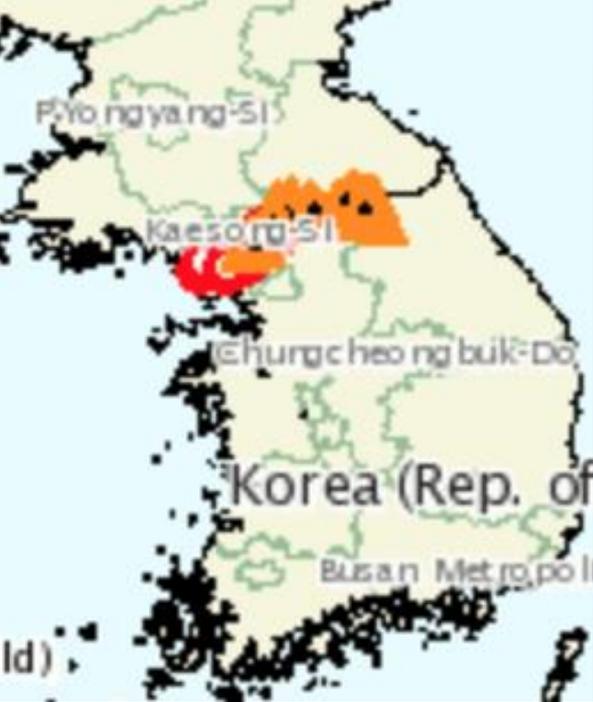
- Birds? Especially birds of prey?



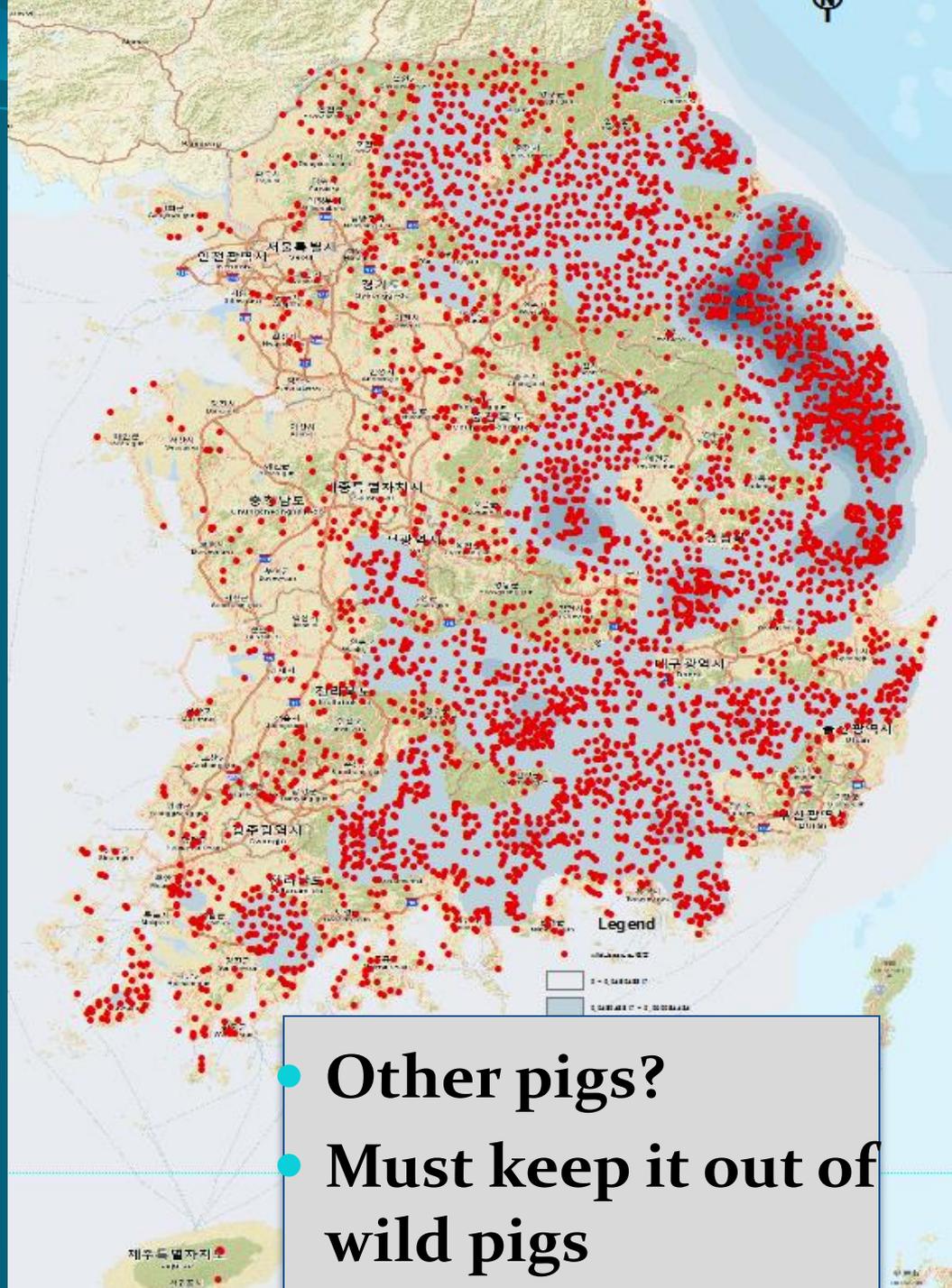
Keep off?

- Rodents?





Keep
off?



- Other pigs?
- Must keep it out of wild pigs

Keep off?

- Insects?





Flies note your car



People as a vector





People as a vector

People as a vector - hunters



Clothing as a vector

- Clothing and footwear can be vectors





Movement of faeces

Feed



Why would boars visit?

- Food and Sex



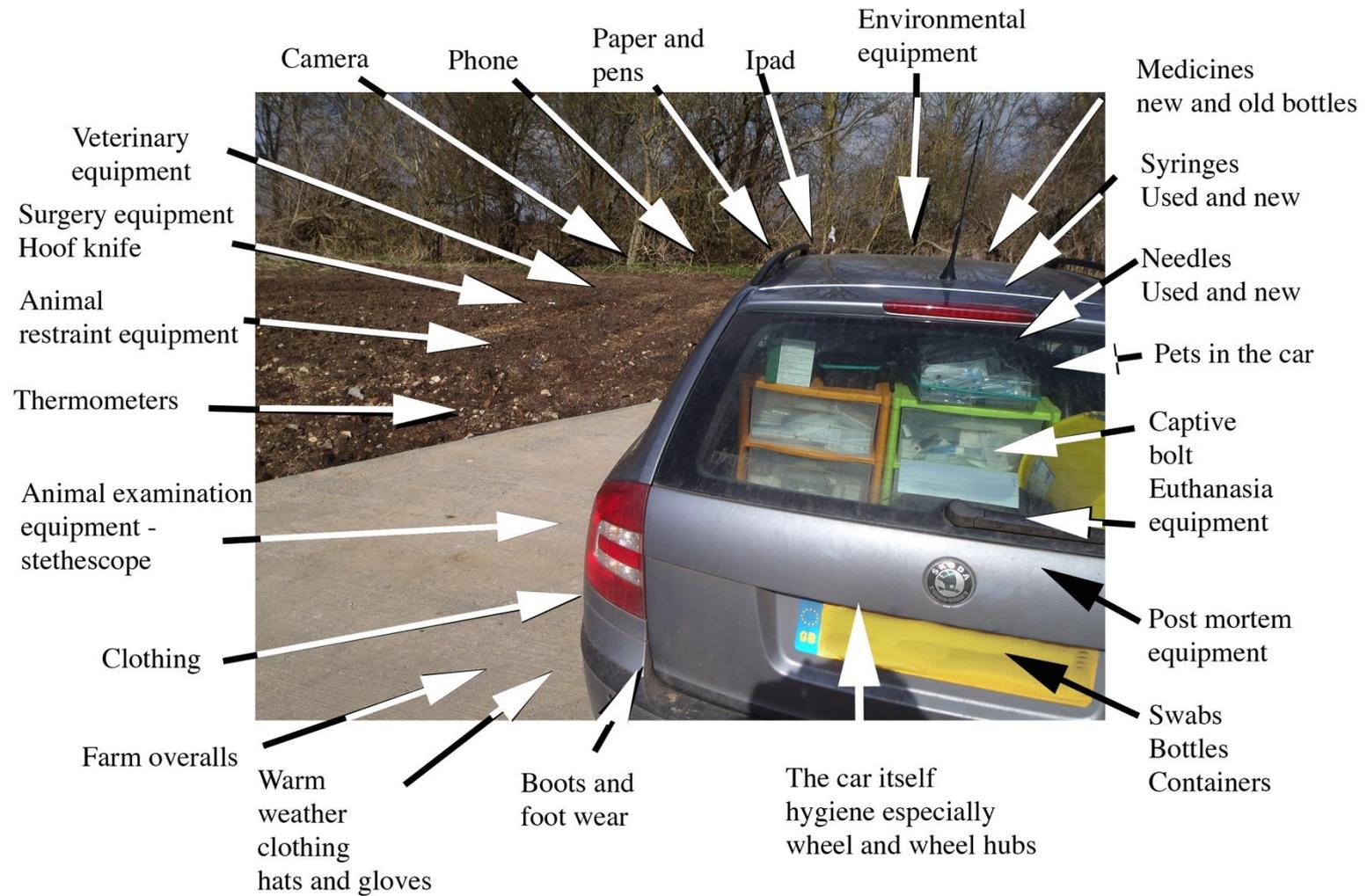
Water





Bedding

Equipment – ensure we are not the risk





Builders

Medicines



Recovery and repopulation



Maraming salamat



- Special thanks for CEVA Philippines for supporting this presentation