



# GF-TADs

GLOBAL FRAMEWORK FOR THE  
PROGRESSIVE CONTROL OF  
TRANSBOUNDARY ANIMAL DISEASES



Food and Agriculture  
Organization of the  
United Nations

**OIE**  
WORLD ORGANISATION  
FOR ANIMAL HEALTH



## Update on ASF situation for Republic of Korea

Dr. Hae Eun KANG  
Foreign Animal Disease Division  
Animal and Plant Quarantine Agency  
Gimcheon, Republic of Korea



# Current ASF status

# The first case of ASF in Korea

- ❖ A suspected case at a farrow-to-finish farm of 2,450 pigs including 350 sows in Paju city, Gyeonggi province (16 September 2019)
- ❖ Five sows in maternity barn: anorexia for 2~3 days, fever ( $>40^{\circ}\text{C}$ ) and death
- ❖ Collection of samples: (provincial veterinary services) blood, spleen, liver & lymph nodes
- ❖ Real time PCR : positive for all samples
- ❖ The suspected case was confirmed as the first outbreak of ASF in Korea at 06:00 on 17 September 2019

# ASF outbreaks in Korea

- ◎ In 2019 at pig farms :14 cases (2019.9.16~10.9)
  - Gyeonggi Prov. 9 cases: Paju 5, Yeoncheon 2, Gimpo 2
  - Incheon City 5 cases: Ganghwa 5



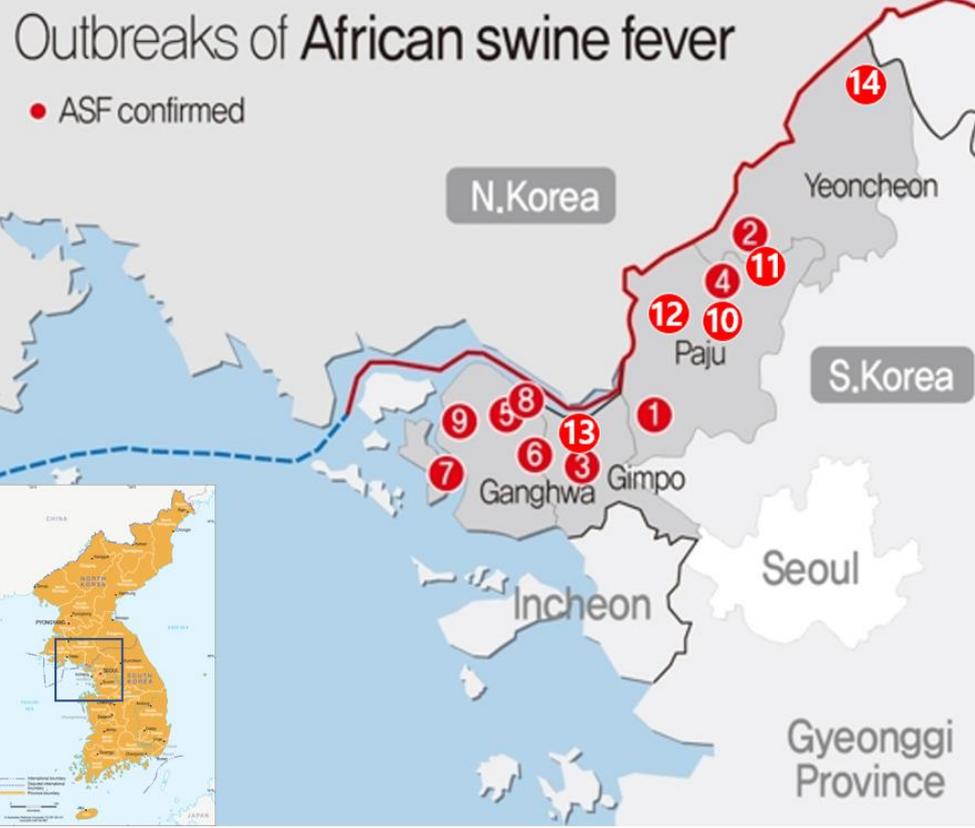
- ◎ In 2020 at pig farms :2 cases (2020.10.8~10.10)
  - Gangwon Prov. Hwacheon 2

- ◎ Wild boars : 1,024 heads (2019.10.3~2021.2.3)

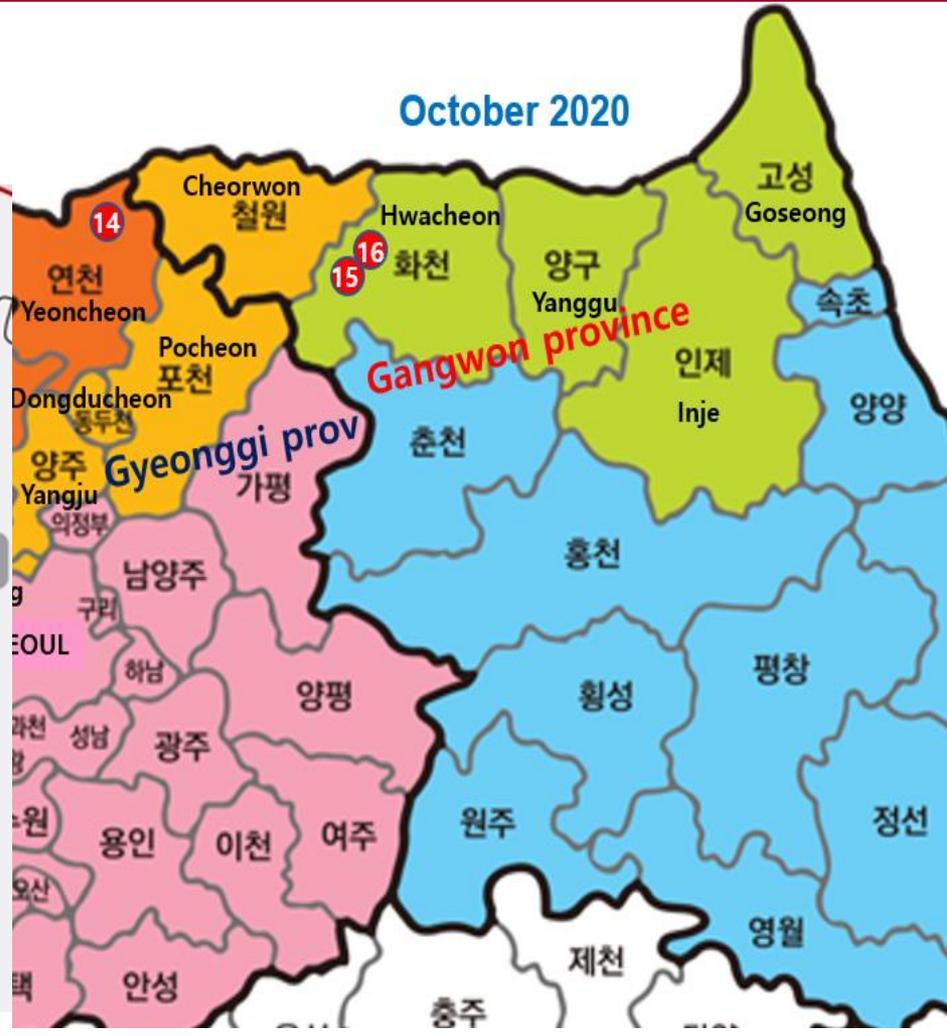




## September & October 2019



## October 2020



# Losses by ASF in Korea

## 2019

- ❖ Preventive culling : 380,963 pigs from 248 farms
- ❖ Purchasing by government in high-risk areas :  
65,557 pigs from 125 farms
- ❖ Approximately 130 billion KRW (116 million USD)

## 2020

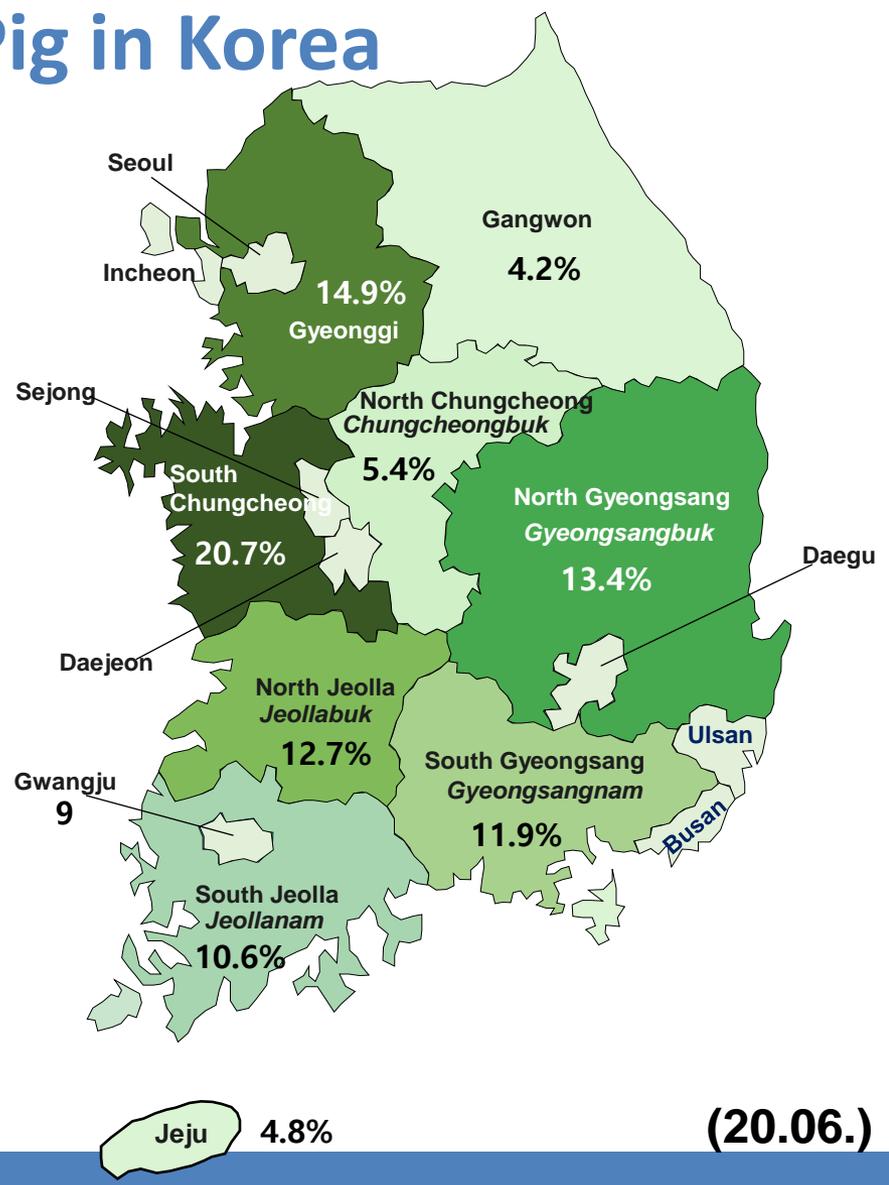
- ❖ Preventive culling : 4,077 pigs from 5 farms



# Production of Pig in Korea

**Number of Pigs : 11,088,000 (20.06.)**

**Number of Sows : 1,063,000**



**(20.06.)**



## Production of Pig in Korea

**Number of Pigs : 11,088,000 (20.06.)**

**Number of Sows : 1,063,000**

**Number of Pig Farms : 6,137**

**Meat Consumption : 49.1 Kg/person**

**Pork Consumption : 24.5 Kg/person**

**Pork Price per Kg : about 3.5 USD**



**<1,000 : 2,646**

**1,000~5,000 : 3,072**

**>5,000 : 419**

**Mean 1,900/farm**



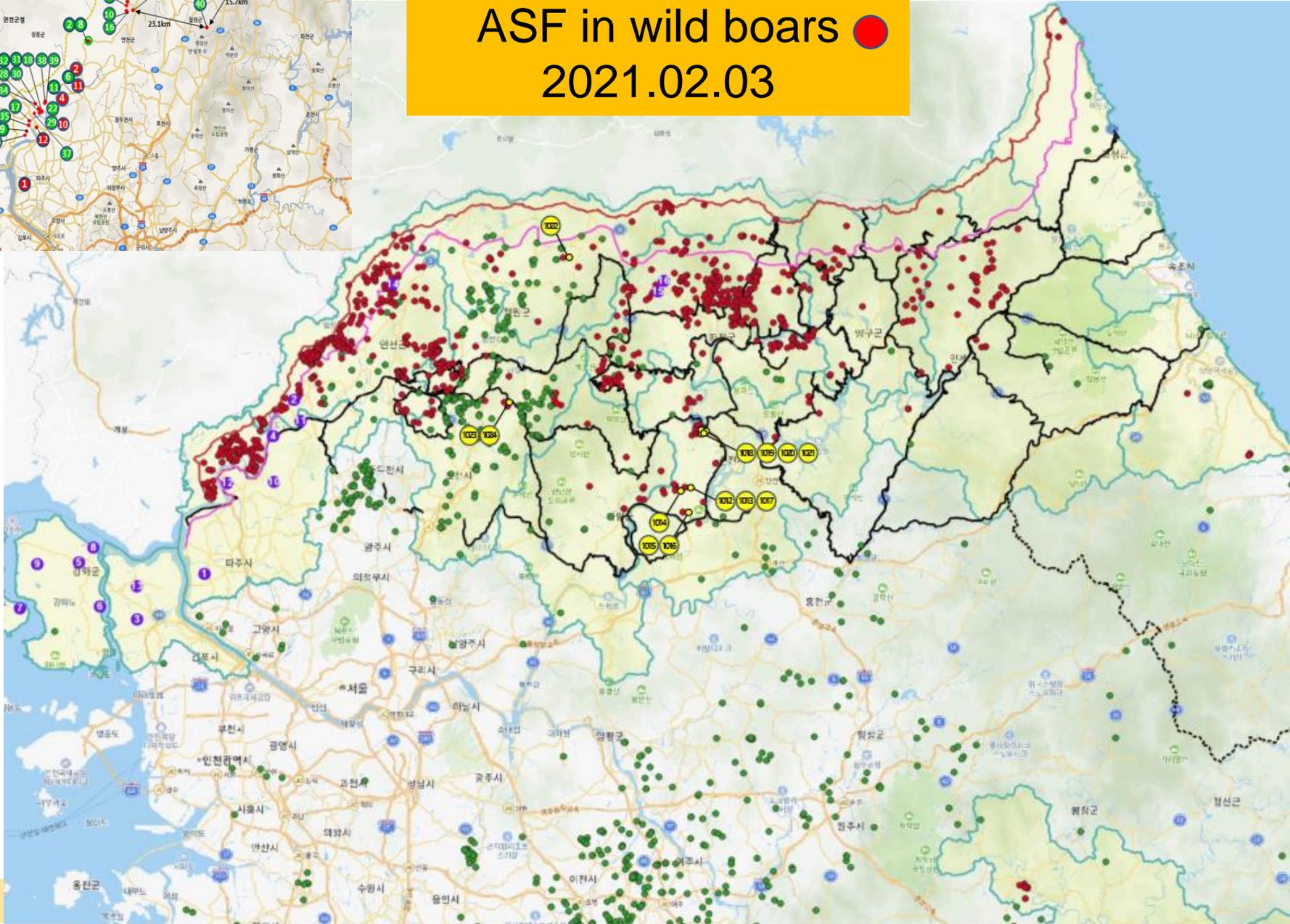
## Wildlife

# Spread of ASF in wild boars, Korea

2019.12.07



ASF in wild boars ●  
2021.02.03





# National Control Policy against ASF

## Prevention

- **Border control : personal illegal imports**
- **Ban on swill feeding**
- **Biosecurity and disinfection**
- **Education and training**
- **Public awareness**

## Detection

- **Surveillance : passive surveillance, high-risk groups**
- **Early detection : animal disease notification system**
- **Capacity building for diagnosis of ASF**
- **Monitoring in high risk areas**

## Control

- **Reporting suspected cases**
- **Depopulation and disposal**
- **Disinfection**
- **Movement control**
- **Epidemiological investigation**
- **Restocking**



## Control measures to limit the spread of ASF among wild boar

- Fencing
- Population control
- Active carcass search
- Safe disposal of carcasses



Thank you. 감사합니다.