

# Designation of Control Zones (Exclusion Fences)

## 1 Exclusion Fences

### A Purpose of Installation

To obstruct the movement of infected wild boars and prevent the spread of disease when ASF-positive cases are confirmed.

### B Types of Facilities

Electric fences, wire mesh fences (chain-link wire), net fences, etc.



Electric fences



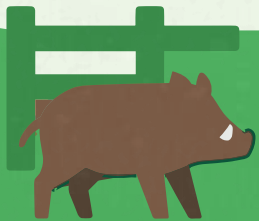
Wire mesh fences



Net fences

### C Responsible Authorities

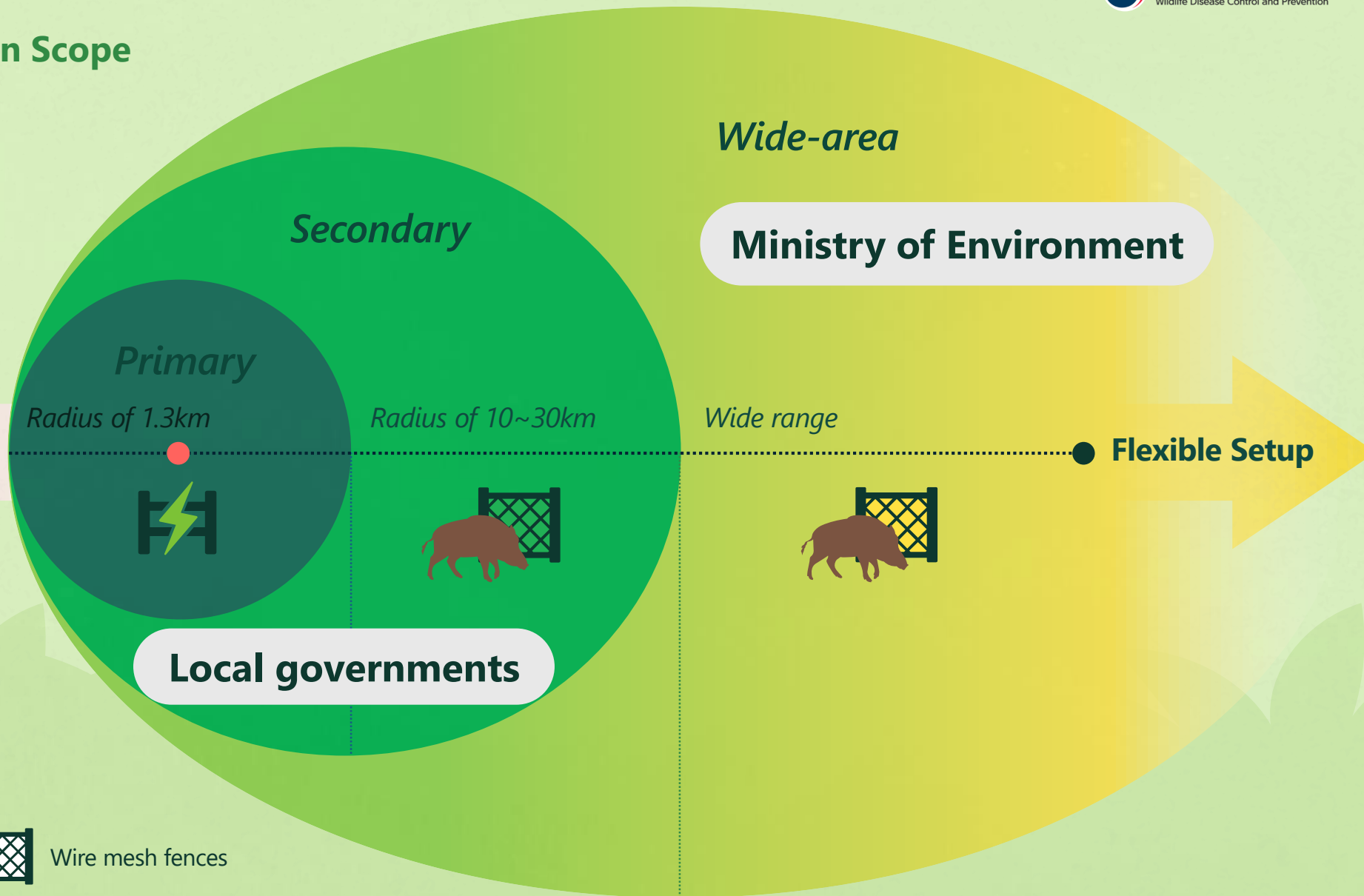
Local governments (primary and secondary fences),  
Ministry of Environment (wide-area fences).



# Fence

## 2 Fence Installation Scope

Outbreak site



Electric/Net fences



Wire mesh fences



Wild Boar

## 2 Fence Installation Scope

### Primary Fence

**Coverage:**

**5 km<sup>2</sup>**

(approx. 1.3 km radius)

**TYPE:**

**Electric or net fence**

Quick-response fencing is installed near outbreak sites to immediately contain the infected area.

### Secondary Fence

**Coverage:**

**30 km<sup>2</sup>**

(approx. 3.0 km radius)

**TYPE:**

**Reinforced wire mesh**

Stronger physical barriers are built to cover the outer boundary of the outbreak area.

### Wide-area Fence

**Scope:**

**Border areas between  
≥ 2 municipalities**

**Trigger:**

**Early signs of inter-  
regional spread**

When spread is suspected across regions, preemptive fences are installed across city/county borders.

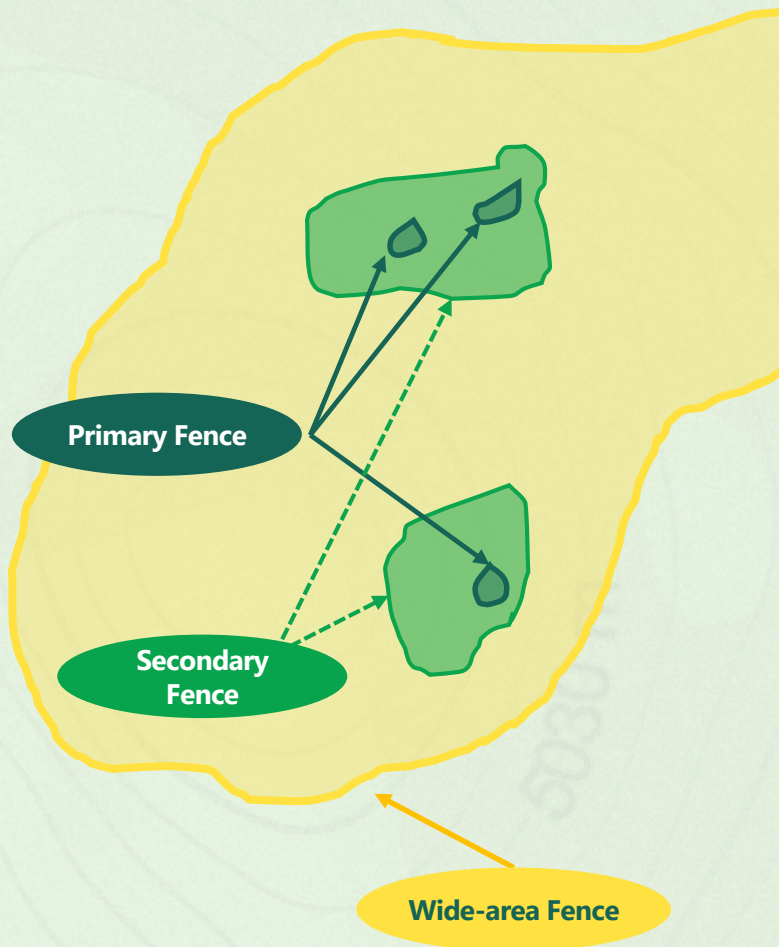
### Flexible Setup

- **Flexible fencing strategy**
- **Coordination with Ministry of Environment**

Fence types and locations can be adjusted based on terrain, material supply, and spread patterns, in consultation with relevant authorities.



### 3 Fence Installation Situation



Primary electric fence:

**5 km<sup>2</sup>**

*radius of the outbreak site*



Secondary iron fence:

**30 km<sup>2</sup>**

*radius of the outbreak site (901km)*

- Route designed based on the surrounding terrain
- Height approx. 1.5m, steel net(net size approx. 10cm)



Regional iron fence:

**1,831 km**

*installed in wide area*

- Along major highways, rail roads, stone falling barrier, river/streams etc.
- Recently with spread of ASF, our strategy in using fence changed from regional scale to individual farms

