ASF Surveillance and diagnosis (Carcass Search)

Ministry of Environment
National Institute of
Wildlife Disease Control and Prevention

1 Objective

- Carcass search helps detect infected wild boars early and prevents secondary transmission.
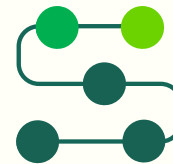- Prevents environmental contamination by the ASF virus.

2 Method

Maps

NIWDC selects search areas using "carcass prediction maps".

Deploy

Search teams and detection dogs are deployed to designated areas.

Record

Location and details are recorded upon carcass discovery.

SOP

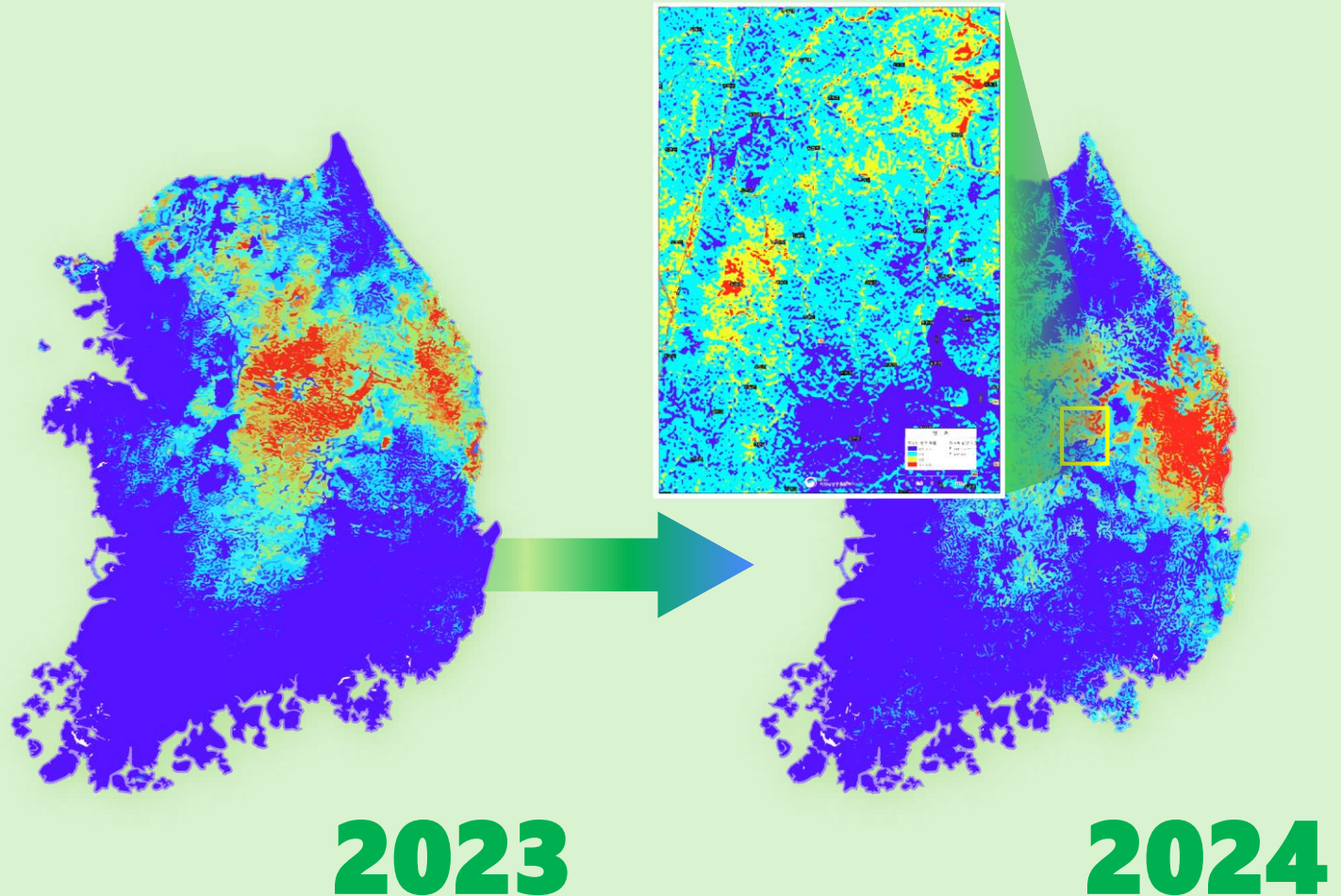Carcass disposal is conducted based on SOPs, depending on the situation.

Carcasses

4 **Prediction Map of Wild boar carcasses existence**

Carcasses

Species Distribution Model (SDM)

- **MaxEnt (One of SDMs)**
- **Carcasses points**
- **24 Environmental variable**

Prediction map is used as basis for planning the carcass search area

2023

2024

3 **Institutional Roles in Wild Boar ASF Carcass Search**

Carcasses

Ministry of Environment

Budget Allocation

NIWDC

Detection Dog

Selection of Search Areas for Detection Dog Management

Search Team

Search Team Management

Regional Environmental Office

Local Government

Carcass Disposal / Forest Access Permition

Ministry of Environment
National Institute of
Wildlife Disease Control and Prevention