



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

Corso di laurea magistrale in **ANALISI E GESTIONE DELL'AMBIENTE**

**A PRELIMINARY STUDY FOR THE QUEST, RETRIEVAL, AND DISPOSAL OF WILD BOAR  
CADAVERS AT THE ONSET OF AN AFRICAN SWINE FEVER EPIDEMIC**

**ALLEGATO III**

Relatore

Prof. **DINO SCARAVELLI**

---

Presentata da

**ROBERTO CELVA**

---

Correlatore

Dott. **CARLO VITTORIO CITTERIO**

---

Controrelatore

Prof. **CRISTIAN TORRI**

---

Sessione Unica Anno Accademico 2022/2023

### **ANNEX 3: ZONING APPLIED TO ASF MANAGEMENT OF WILD BOAR IN ITALY**

Since the publication of the ASF National Surveillance and Eradication Plan (NEEP hereafter), the following activities must be carried out at regional level on all national territory:

- Adoption of Regional Plans of Urgent Interventions (*Piani Regionali Interventi Urgenti*, PRIU hereafter)
- Execution of enhanced passive surveillance surveys at monthly cadence
- Enforcement of mandatory reporting of dying or dead wild boars to the Local Health Unit (ASL hereafter) (LAW N. 29, 2022)
- Enforcement of restrictions on the transportation of captured wild boars, as specified by regions, and following ASLs authorization
- Execution of ASF diagnostic tests on all wild boar cadavers found in the field, and on all suspect cases as per DELEGATED REGULATION (EU) N. 689, 2019
- Culling of all captured, illegally detained, or unidentified suids. Avoidance of wild boar urbanization.

Once EU zoning is instituted, ASF management activities must be undertaken accordingly; inside the infected area (RZ II and RZ III), these include:

- Active search of wild boar cadavers, focussing on peripheral areas.
- ASF testing for all wild boars found dead, moribund, captured, or culled.
- Adoption of a plan for management, sampling, and disposal of cadavers; setup of collection points for sampling and temporary stocking.
- Depopulation of wild boar by means of control, favouring techniques that minimize animal movement. Specific biosecurity measures must minimize the risk of viral spread.
- Setup of trapping devices to facilitate control activities.
- Ban on hunting on wild boar; ban on collective hunting (> 3 hunters) for all other species.
- Ban on export of wild suids and derived products.
- Ban on transportation and export of all living animal, except for culling.
- Restriction on all outdoors activities.
- Enforce the ban on attractive feeding for wild boar.
- Fencing, aiming at limiting animal movement and facilitate ASF eradication measures.

Inside RZ I, activities must be tailored to the results obtained in the infected area; these include:

- Enforcement of passive surveillance, including enhanced passive surveillance
- Unrestricted hunting and culling of wild boar, aimed at removing the maximum number of animals possible.
- ASF testing of all culled animals, unless a derogation by the ASF Commissioner is provided.
- Ban on transportation and export of all living animal, except for culling and butchering.