

The Polish experience with wild boar carcass detection and carcass disposal techniques

**PhD, Hanna Balcerak
General Veterinary Inspectorate
Warsaw, Poland**

Organized active patrolling to find dead wild boar carcasses in Poland

- Conducted in Poland since 2018;
- The procedure prepared according to the recommendations laid down in the working document „Strategic approach to the management of African Swine Fever for the EU” SANTE/7113/2015 – Rev 12;
- The cost of active patrolling (including disposal of dead wild boar carcasses) is covered by veterinary service;
- Total area of Poland – 312 696 km²

Year	Number of active patrolling actions	Approximate size of the searched area (km ²)	Total number of people participating in the search for fallen wild boars	Number of wild boars found (including those in decomposition)	Number of buried carcasses of wild boars in hard-to-reach places (pcs.)
2021	14 114	129 119	344 771	1920	98
2022	14 234	110 265	258 826	538	118
2023	10 103	69 881	179 406	874	36

**Art. 54 COMMISSION IMPLEMENTING REGULATION (EU) 2023/594:
Specific conditions for authorising movements within restricted zones I, II and III and
outside those zones of consignments of animal by products and derived products from
wild porcine animals**



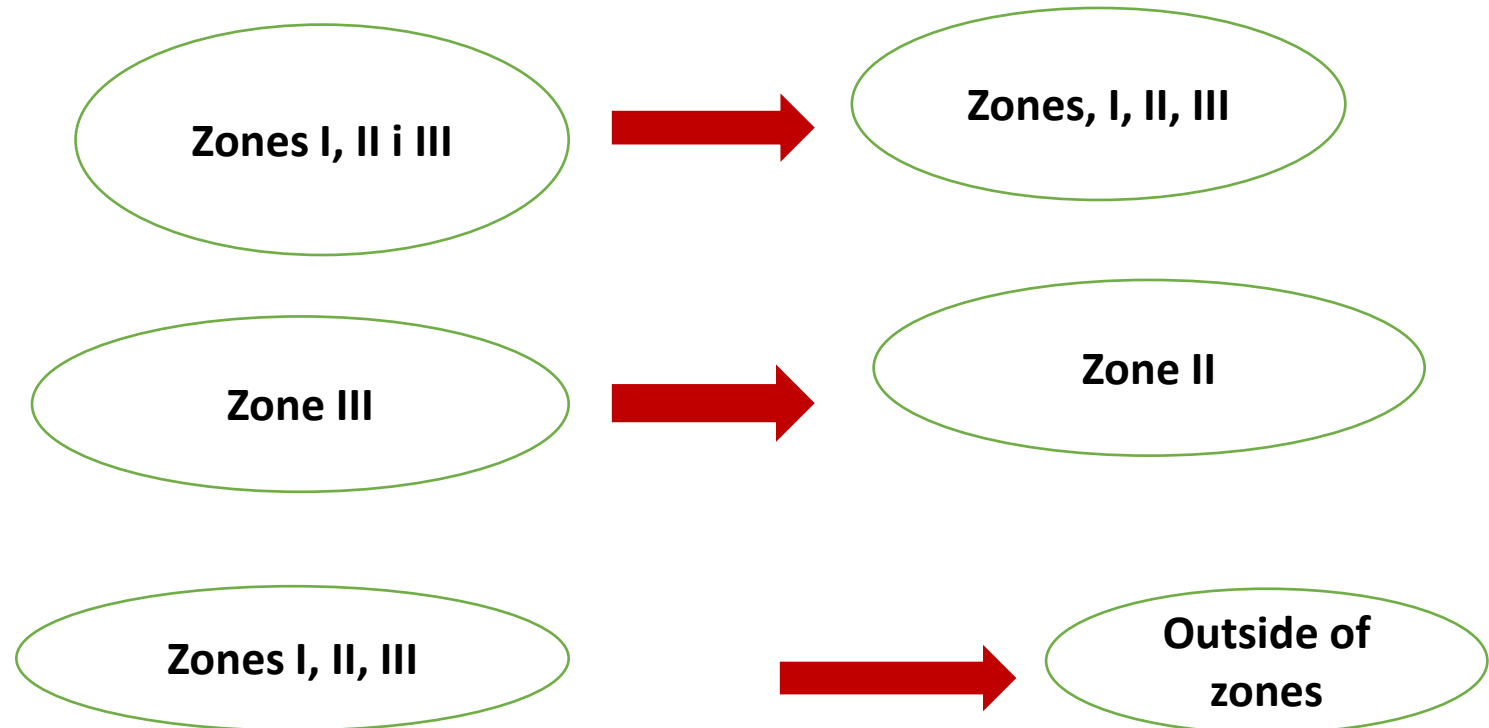
AUTHORISATION OF COMPETENT AUTHORITY

Satellite navigation system (for the movements outside restricted zones I, II and III),

ABPs are collected, transported and disposed of in accordance with the regulation (WE) nr 1069/2009

**ABPs from wild
porcine animals**

**Within the Member
States**



Disposal of white boars

Reg. (EU) 1069/2009

It is cat. 1 material

It should be disposed of by:

- Incineration (co-incineration)
- Processed in accordance with conditions for pressure sterilization



- In case of the dead boar was found in area difficult to access, it is allowed to bury it after taking samples

Processing method 1 (pressure sterilisation)

Reg. 142/2011, annex IV chapter III

Reduction

If the particle size of the animal by-products to be processed is more than **50 millimetres**, the animal by-products must be reduced in size using appropriate equipment, set so that the particle size after reduction is no greater than 50 millimetres.

Time, temperature and pressure

2. The animal by-products with the particle size of no greater than 50 millimetres must be heated to **a core temperature of more than 133 °C for at least 20 minutes** without interruption at **a pressure (absolute) of at least 3 bars**. The pressure must be produced by the evacuation of all air in the sterilisation chamber and the replacement of the air by steam ('saturated steam'); the heat treatment may be applied as the sole process or as a pre- or post-process sterilisation phase.

The processing may be carried out in batch or continuous systems.

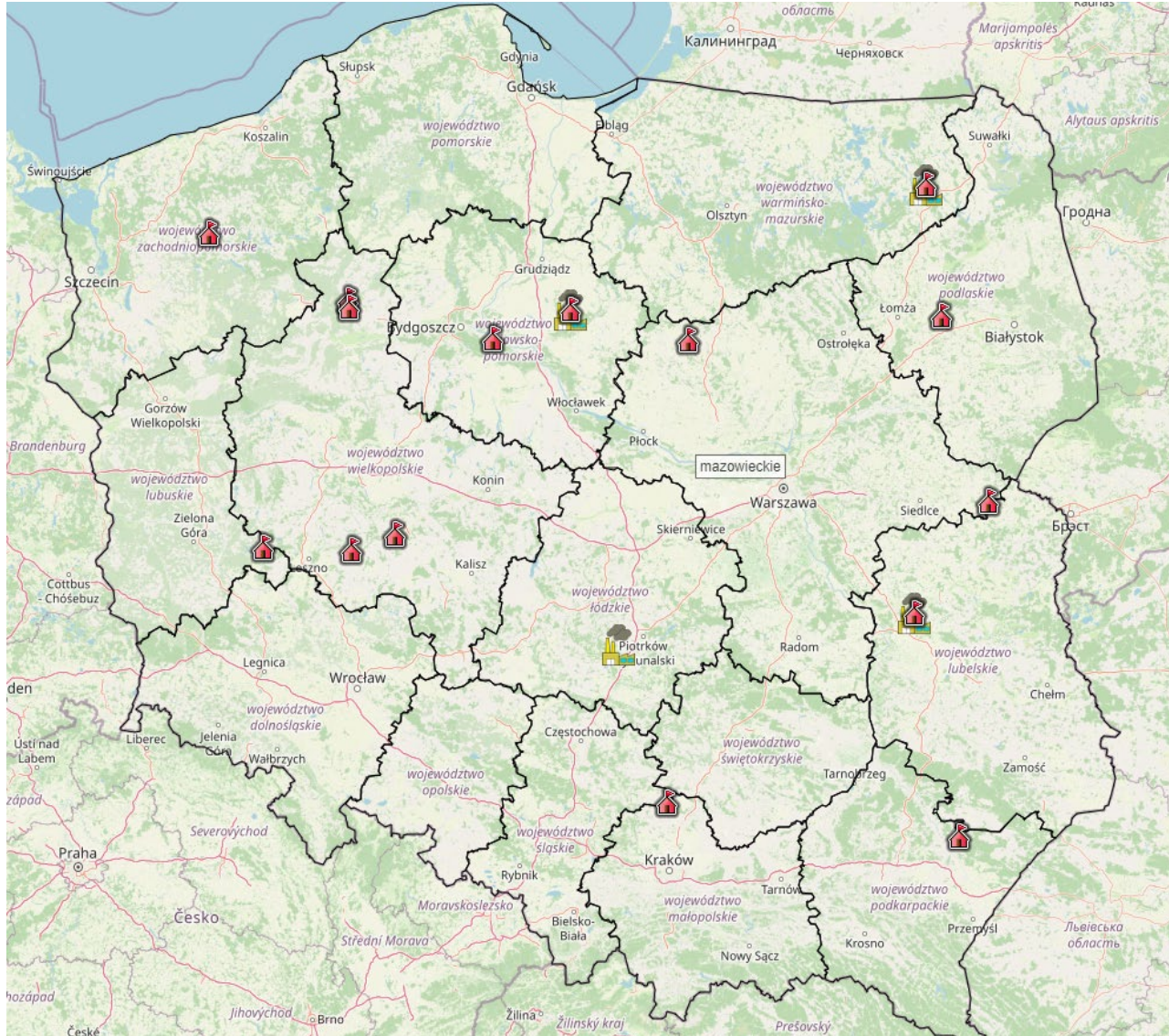


Incineration operating conditions (Reg. 142/2011, annex III chapter I section 2)

Incineration (co-incineration) plants shall be designed, equipped, built and operated in such a way that the gas resulting from the process is raised in a controlled and homogeneous fashion, even under the most unfavourable conditions, to a temperature of **850 °C for at least 2 seconds** or to a temperature of **1 100 °C for 0.2 seconds**, as measured near the inner wall or at another representative point of the chamber where the incineration or the co-incineration is carried out, as authorised by the competent authority.



LOCATION OF PROCESSING PLANTS CAT. 1 AND INCINERATION PLANTS IN POLAND



The number of incineration plants – 3;

The number of processing plants cat. 1 – 11;

The number of storage and „intermediate” plants cat. 1 – 267.

OTHER WAY OF DISPOSAL

In case of the dead boar was found in area difficult to access, it is allowed to bury it after taking samples

The legal basis - art. 19 e) Reg. 1069/2009

Burial in such a way as to prevent it from being diged out by wild animals

The pit should be diged in a place not frequented by people.

The biocidal products should be applied

The biocidal products should be authorize by the Polish Office for Registration of Medical Products, Medical Devices and Biocidal Products.

The list of biocidal products is available on website of the mentioned above Office

Several dozen products indicated as virucidal effect.

Several products indicated as ASF virucidal effect

The means of transport:

Should be:

- ✓ Dedicated to transport cat. 1;
- ✓ Cleaned and disinfected.

Cleaning:
soap, detergents.



The carcasses of white boards are transported in secure, leak-proof containers or vehicles;
The vehicle wheels are disinfected upon leaving the site of origin



Thank you for your attention