



# **African swine fever in Poland**

## **Experience gained in controlling ASF**



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**Vilnius, 7 November 2018**



# ASF in pigs and wild boar in Poland up to 5 November 2018



## 2971 ASF cases in wild boar:

- ✓ 2014: 30 cases
- ✓ 2015: 53 cases
- ✓ 2016: 80 cases
- ✓ 2017: 741 cases
- ✓ 2018 (up to 5 November): 2067 cases

## 213 ASF outbreaks in pigs

- ✓ 2014: 2 outbreaks
- ✓ 2015: 1 outbreak
- ✓ 2016: 20 outbreaks
- ✓ 2017: 81 outbreaks
- ✓ 2018 (up to 5 November): 109 outbreaks



last outbreak was confirmed on  
19 September 2018



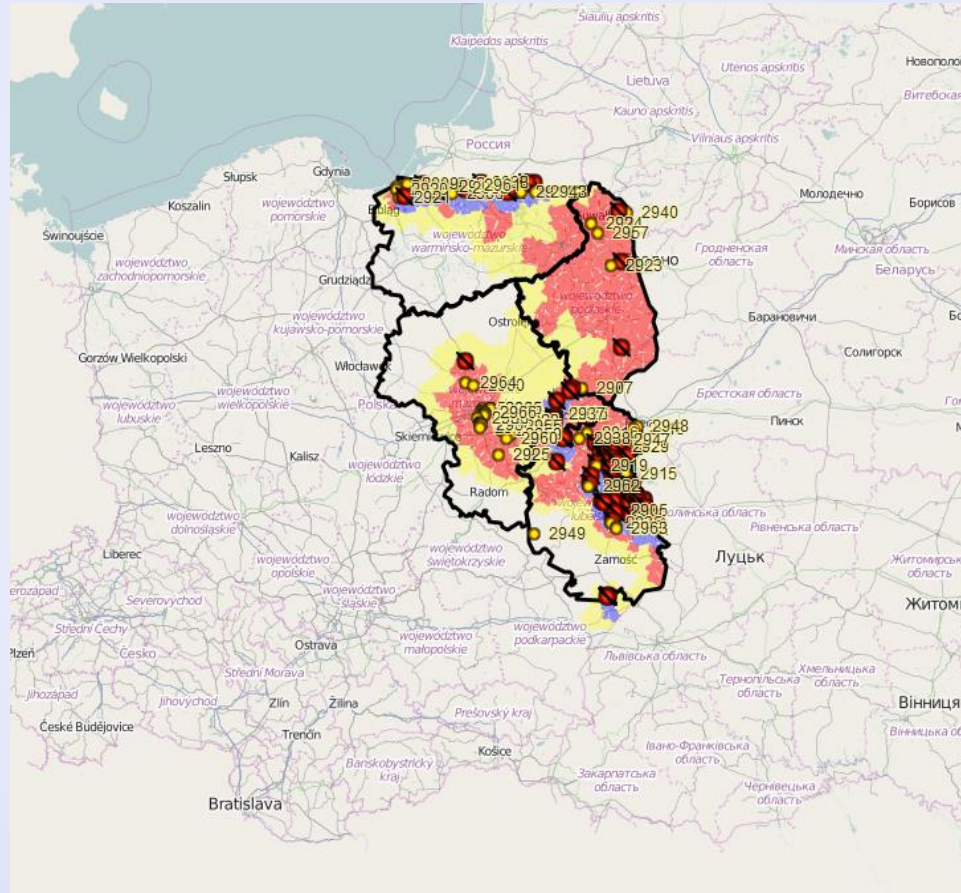


# Current regionalisation according to CID 2014/709/EU amended by CID 2018/1635/EU of 30 October 2018

- Part I of the Annex to CID 2014/709/EU
- Part II of the Annex to CID 2014/709/EU
- Part III of the Annex to CID 2014/709/EU

 **Outbreak in pigs**

 **Case in wild boar**



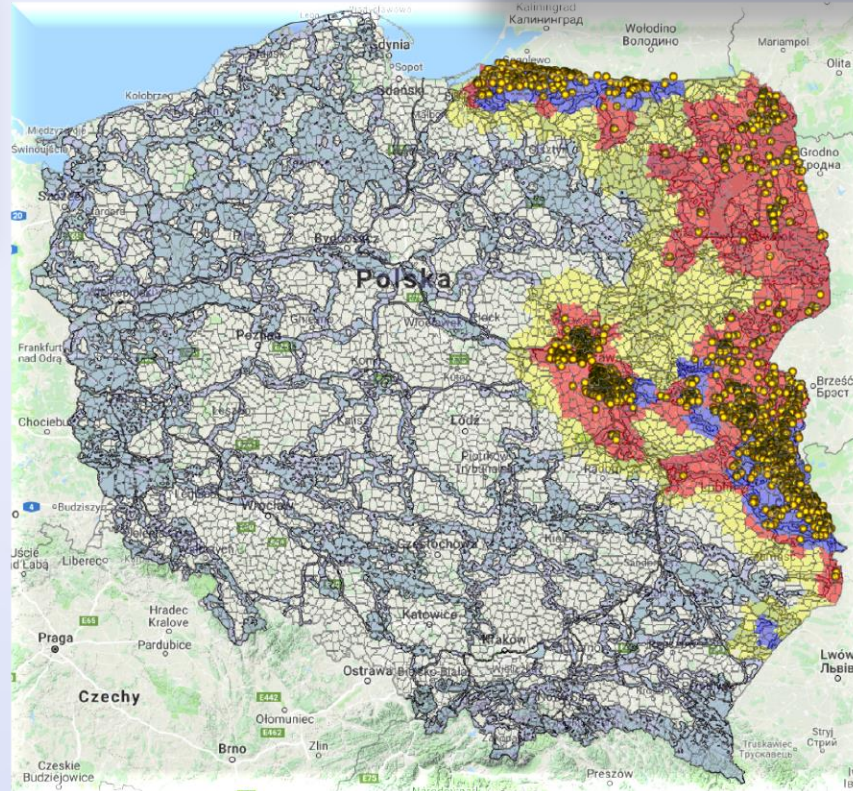


# Analysis of occurrence of ASF cases in wild boar and spread of disease in 2018

2067 ASF case in wild boar in part of territory of 4 voivodeships



**Warmińsko-Mazurskie**  
**247**



**Podlaskie**  
**170**

**Lubelskie**  
**851**

**Mazowieckie**  
**799**

# Strategy on management of wild boar population



Determine the range of ASF occurrence in wild boar



**Wykres 1. Rozmieszczenie populacji w lasach i w miejscach ASF w Polsce.**

**Wykres 2. Rozmieszczenie populacji w lasach i w miejscach ASF w Polsce.**

1. Do momentu wykrycia choroby wytworzenie ASF w obszarze „hot spot” spowodowane naturalnym zasięgiem populacji i izolacją zwierząt w obszarach ograniczonych.

2. Do momentu wykrycia choroby wytworzenie ASF w obszarze „hot spot” spowodowane naturalnym zasięgiem populacji i izolacją zwierząt w obszarach ograniczonych.

3. Do momentu wykrycia choroby wytworzenie ASF w obszarze „hot spot” spowodowane naturalnym zasięgiem populacji i izolacją zwierząt w obszarach ograniczonych.

Obszar ochronny		Obszar strefy ograniczeniowej / zagrozonej	
Strefa wolna	Strefa buforowa	Strefa strefy ograniczeniowej	Strefa strefy zagrozonej
Strefa wolna	Strefa buforowa	Strefa strefy ograniczeniowej	Strefa strefy zagrozonej

Strefa wolna: 20 km  
Strefa buforowa: 20 km  
Strefa strefy ograniczeniowej: 20 km  
Strefa strefy zagrozonej: 20 km

Actions taken to slow down the spread of the virus



Activities in the areas of ASF occurrence and out of these areas

## Determining the range of ASF occurrence in wild boar should take into account:



### 1. Stage of decomposition of the carcass:

- + fresh carcass
- ++ active decay (with maggot activity)
- +++ advanced decay
- C undamaged carcass
- ~~X~~ damages of carcass due to siting
- K dry remains

+ area of active searching with a radius of 5 km

++/+++ area of active searching with a radius of 10 km

### 2. Place of detection of the carcasses:

- Inside the restricted areas listed in Part II or Part III of the Annex to CID 2014/709
- on the border of restricted areas (Part III/Part I and Part II/Part I of the Annex to CID 2014/709 )
- Outside the areas listed in the Annex to CID 2014/709 („Hot Spot“)

Active searching should be organised every two weeks within 2-3 months



# Area of active searching of wild boar depending on place of detection of carcasses

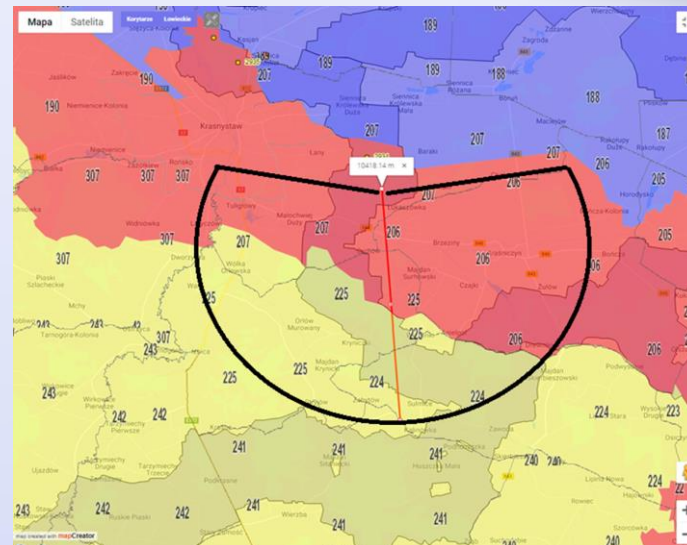
**„Hot spot”**

**Active searching should be organised every two weeks within 2-3 months with a radius of 10 km**



**Border of Part II/Part I of the Annex to CID 2014/709**

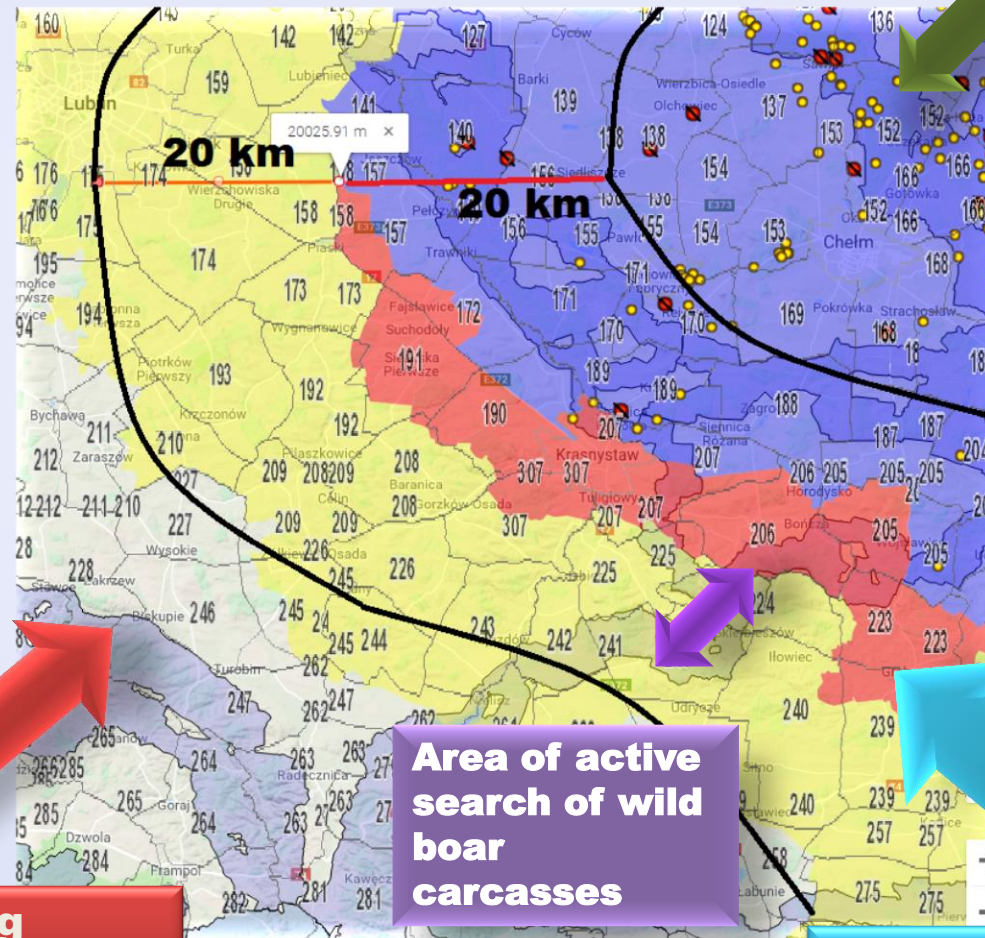
**Active searching should be organised every two weeks within 2-3 months at the distance 10 km from the forehead**



# Activities in the areas of ASF occurrence and out of these areas



**Area of individual and group hunting**



**Area of intensive hunting (individual and group hunting)**

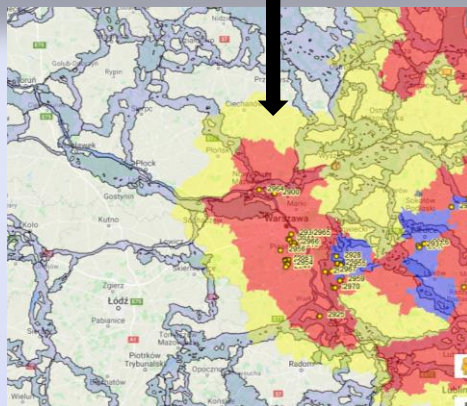
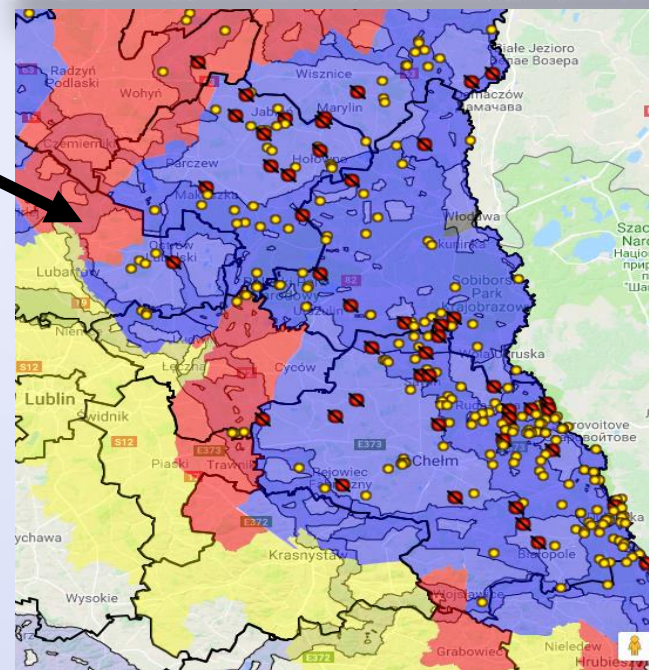
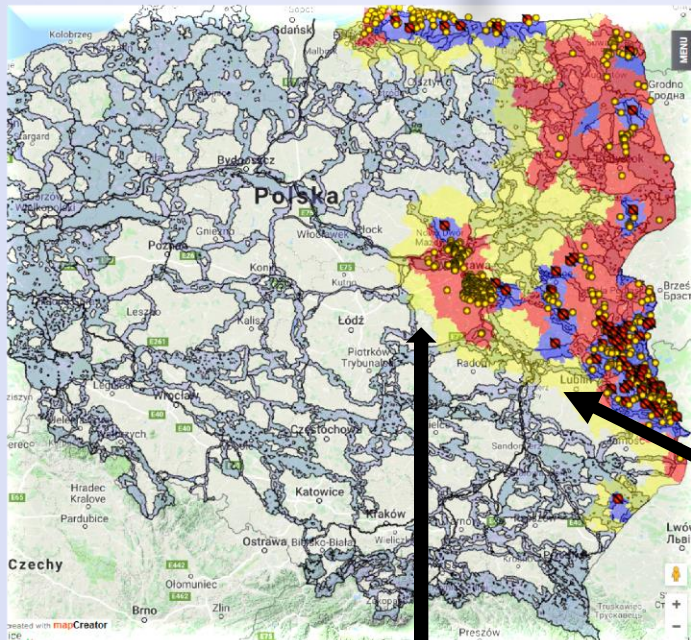
**Area of active search of wild boar carcasses**

**Area of individual hunting (area of quiet hunting)**





# Comparing the occurrence of ASF cases in the location of ecological corridors





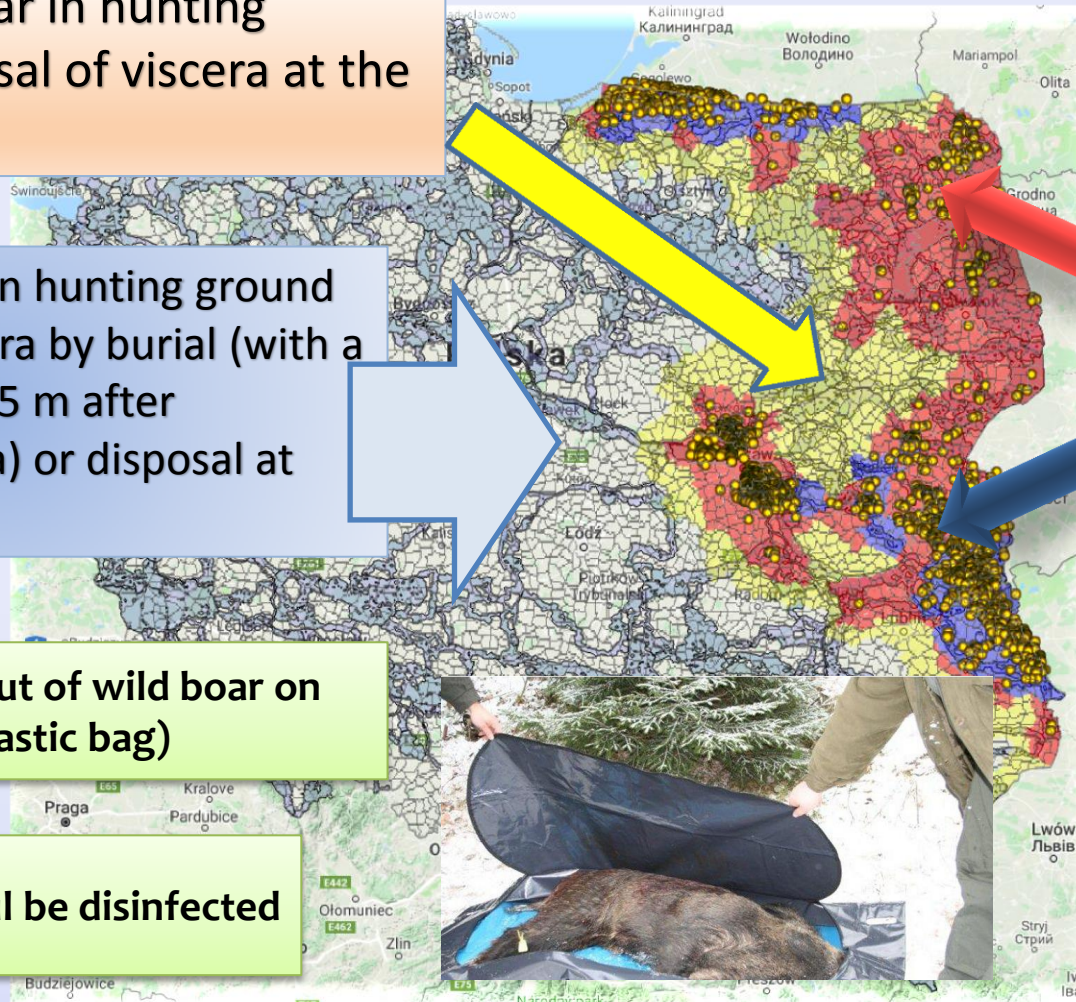
# Biosecurity measures at the hunting ground area during gutting of wild boar

Gutting of wild boar in hunting ground with disposal of viscera at the rendering plant

Gutting of wild boar in hunting ground with disposal of viscera by burial (with a minimum depth of 0,5 m after disinfection of viscera) or disposal at the rendering plant

It is recommended to gut of wild boar on tight material (e.g. plastic bag)

Place of gutting should be disinfected



Gutting of wild boar only at the cold store with disposal of viscera at the rendering plant



# Biosecurity measures during transport of carcasses to cold store

Means of transport should not be used in activity related to pigs holding



Loading space should be protected against leakage of fluids



Hunted wild boar should be safely bring to vehicle

# Biosecurity measures for cold stores



Disinfection mats before entrance to the cold store

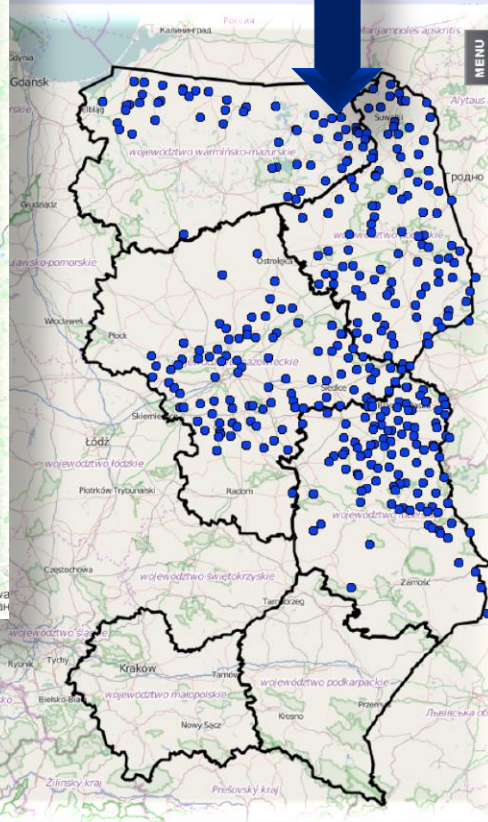
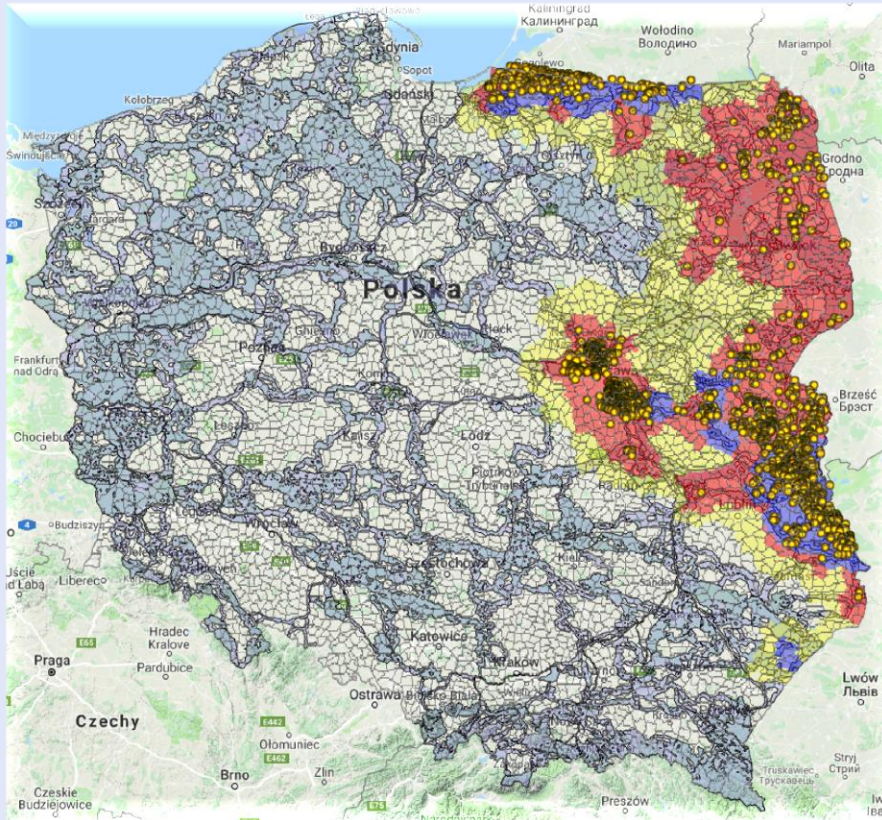
Disinfectants and devices to wash and disinfect hands, shoes, wheels of means of transports and their load space etc.

Viscera are collected separately from the carcasses

Viscera should be identified with the carcasses



# Location of a cold stores for keeping carcasses of shot wild boar





**Thank you for your attention**