



# African swine fever in Poland – update



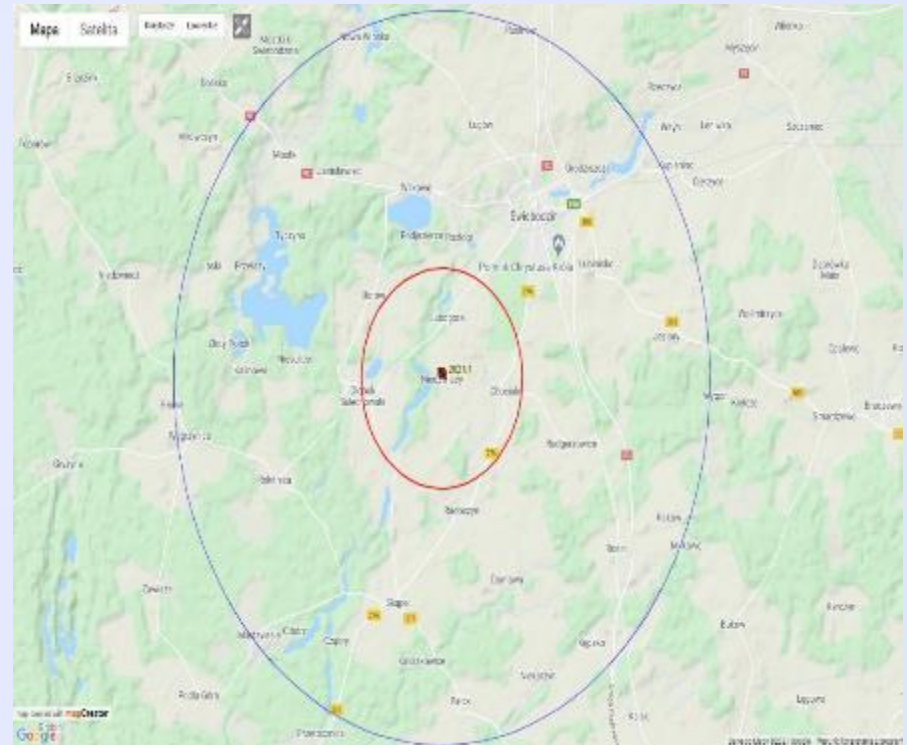
**General Veterinary Inspectorate**  
**PAFF 23 April 2021**

# Update on epizootic situation in pigs 2021



## 2021/1

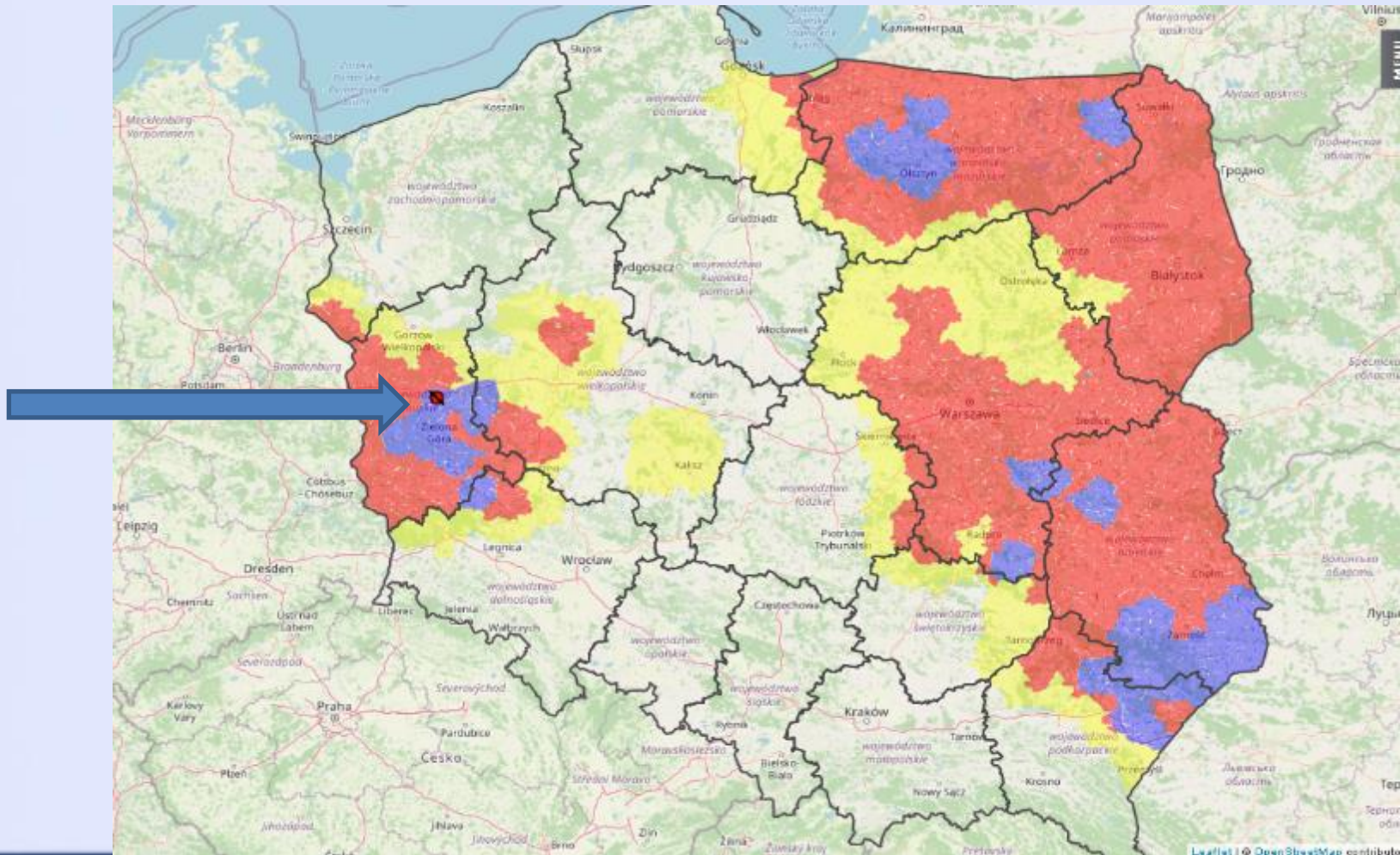
Outbreak confirmed on 17/03/2021



# Outbreak no.2021/1



- Holding located in Niedźwiady locality (municipality of Świebodzin, świebodziński district, Lubuskie voivodeship)





# Outbreak no.2021/1



Holding - 15938 pigs kept in 14 buildings

- 1388 sows
- 15 boars
- 3217 piglets
- 4031 weaners
- 7287 fattening pigs

# Outbreak no.2021/1



- Samples taken from 5 dead fatteners and due to clinical signs in holding - 16.03
- Authopsy of dead pigs – clinical signs indicating ASF
- Confirmation from NRL – 17.03.2021
- Culling – 18-24.03.2021
- C&D – 22-25.03.2021

# Outbreak no.2021/1



Holding located in Niedźwiady, where there is only one pig holding and establishment mixing feed, connected with this holding by family relation. In the vicinity of 1 km there are no other premises and holdings. The holding and feed establishment are surrounded by field and forest, in the neighborhood of lake.



# Outbreak no.2021/1



- In the surrounding area – cases in wild boar confirmed – the closest one in February 2021 – ca. 0,5 km away from the holding, next to the lake;
- In a distance of 5 km from the holding 70 cases in WB confirmed during the period 05.08.2020-16.03.2021;
- the feeding of fodder containing maize from the surrounding fields, where ASF is present in wild boar, harvested October 2020, might be a way of introduction the virus into the holding. Pigs started to be fed with this maize since the beginning of March.
- Amendment of the regionalization
  - => CID 2021/544 (25 March)
  - => Reg. 2021/623 (15 April) amending the Annex to Reg. 2021/605.

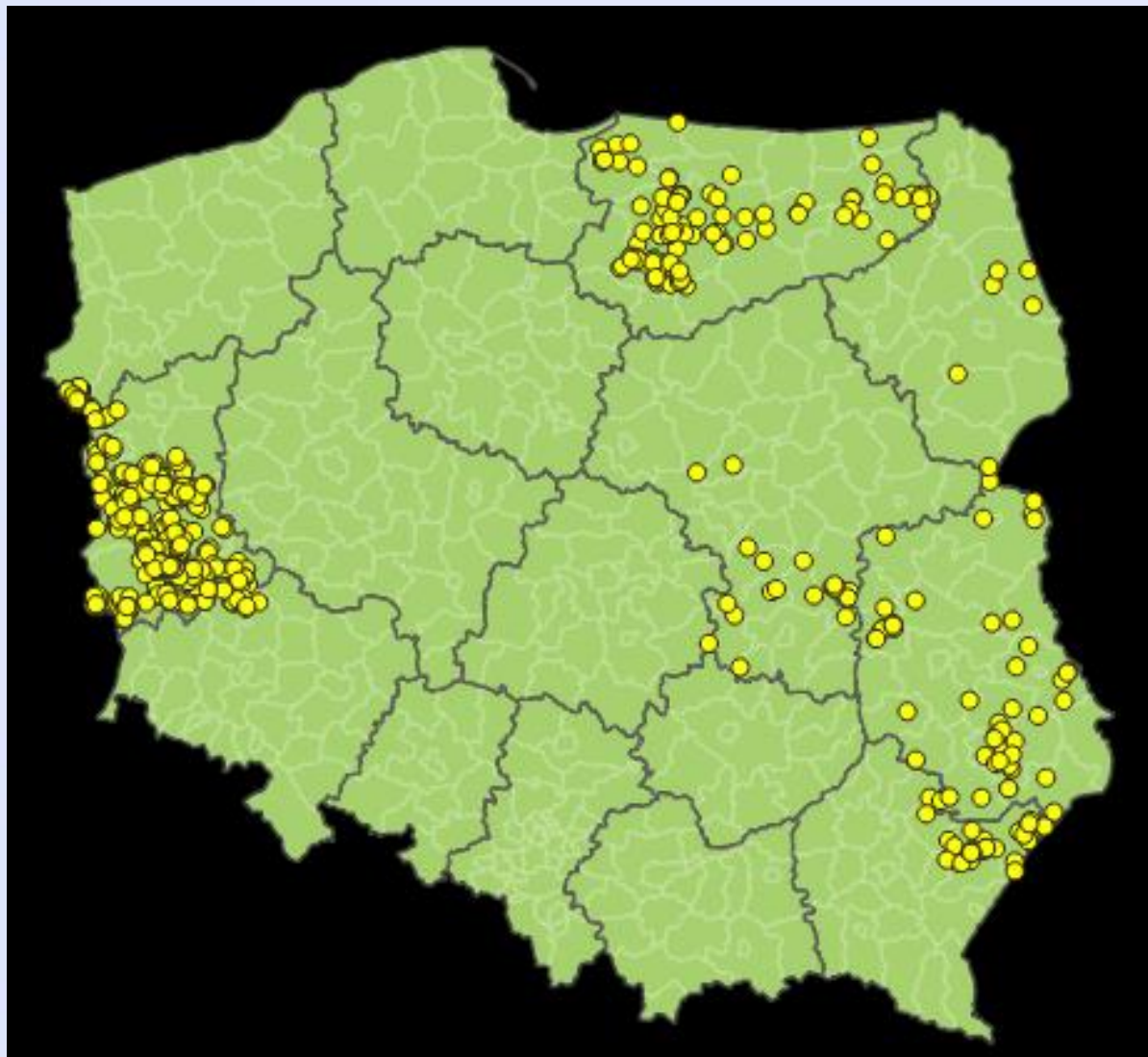




## ASF cases 2021 (20/04/2021)

**1183 cases**

| VOIVODESHIP         | no. of cases |
|---------------------|--------------|
| lubuskie            | 761          |
| warmińsko-mazurskie | 165          |
| lubelskie           | 64           |
| podkarpackie        | 62           |
| zachodniopomorskie  | 39           |
| mazowieckie         | 28           |
| dolnośląskie        | 53           |
| podlaskie           | 11           |

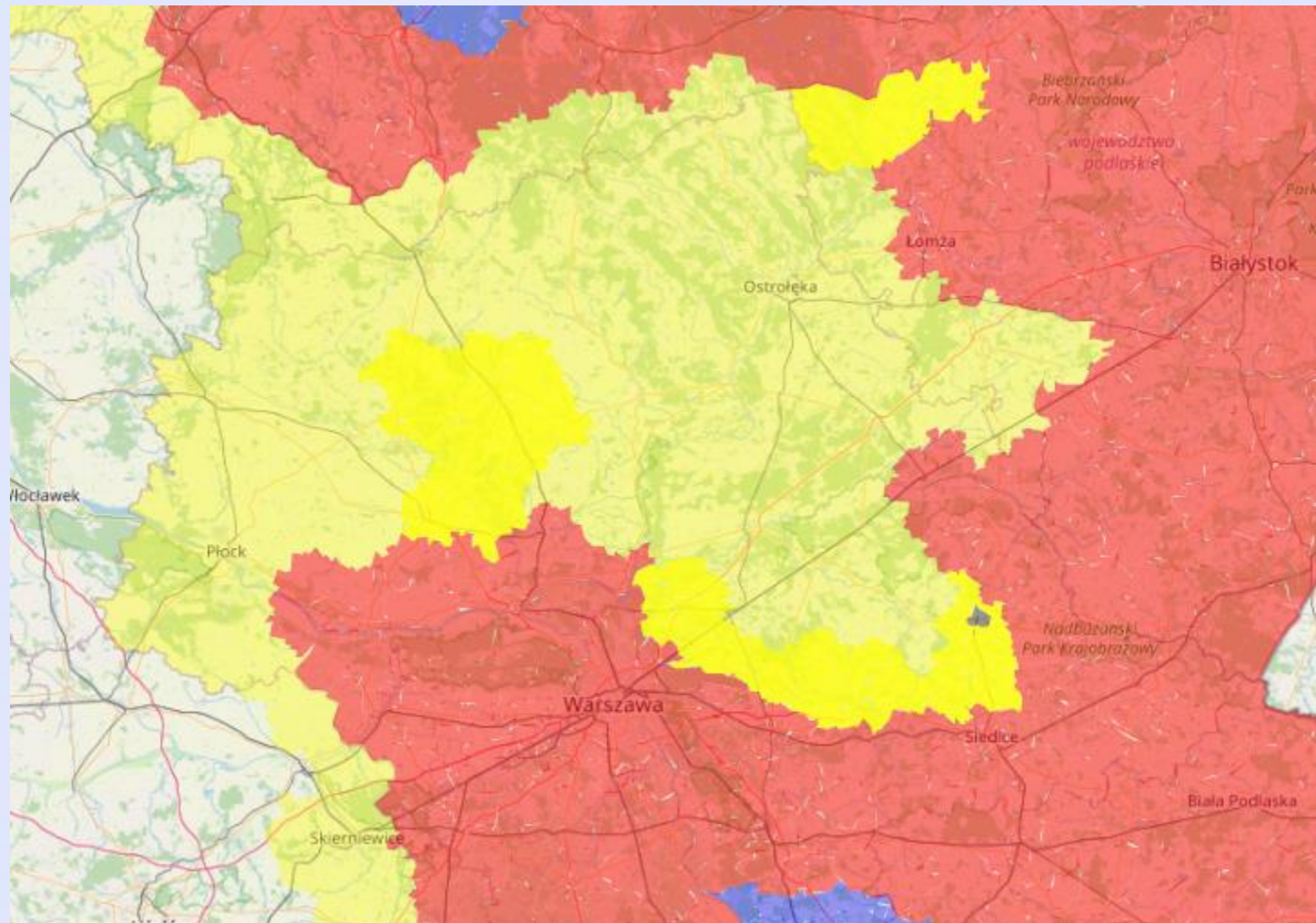




# Amendments of regionalisation in 2021



Reversion part II => part I,  
Mazowieckie and Podlaskie regions – no ASF cases over 12 months



# Reduction of WB population

- area subject to reversion to part I in Mazowieckie region



| <b>district</b> | <b>sanitary shooting 2020</b> | <b>hunting 2020</b> |
|-----------------|-------------------------------|---------------------|
| Sokołów Podl    | 356                           | 213                 |
| Siedlce         | 387                           | 312                 |
| Mińsk           | 442                           | 282                 |
| Otwock          | 182                           | 93                  |
| Wołomin         | 400                           | 647                 |
| Warszawa city   | 345                           | not applicable      |
| Legionowo       | 233                           | 303                 |

# Active search

- whole Mazowieckie region



| Active search activities in 2020 | approximate size of the searched area (ha) | no. of WB found dead , including those in advance stage of decomposition |
|----------------------------------|--|--|
| 208                              | 95600                                      | 32   |

| Active search activities in 2021 (JAN – FEB) | approximate size of the searched area (ha) | no. of WB found dead , including those in advance stage of decomposition |
|--|--|--|
| <b>40</b>                                    | 17 832                                     | 1  |

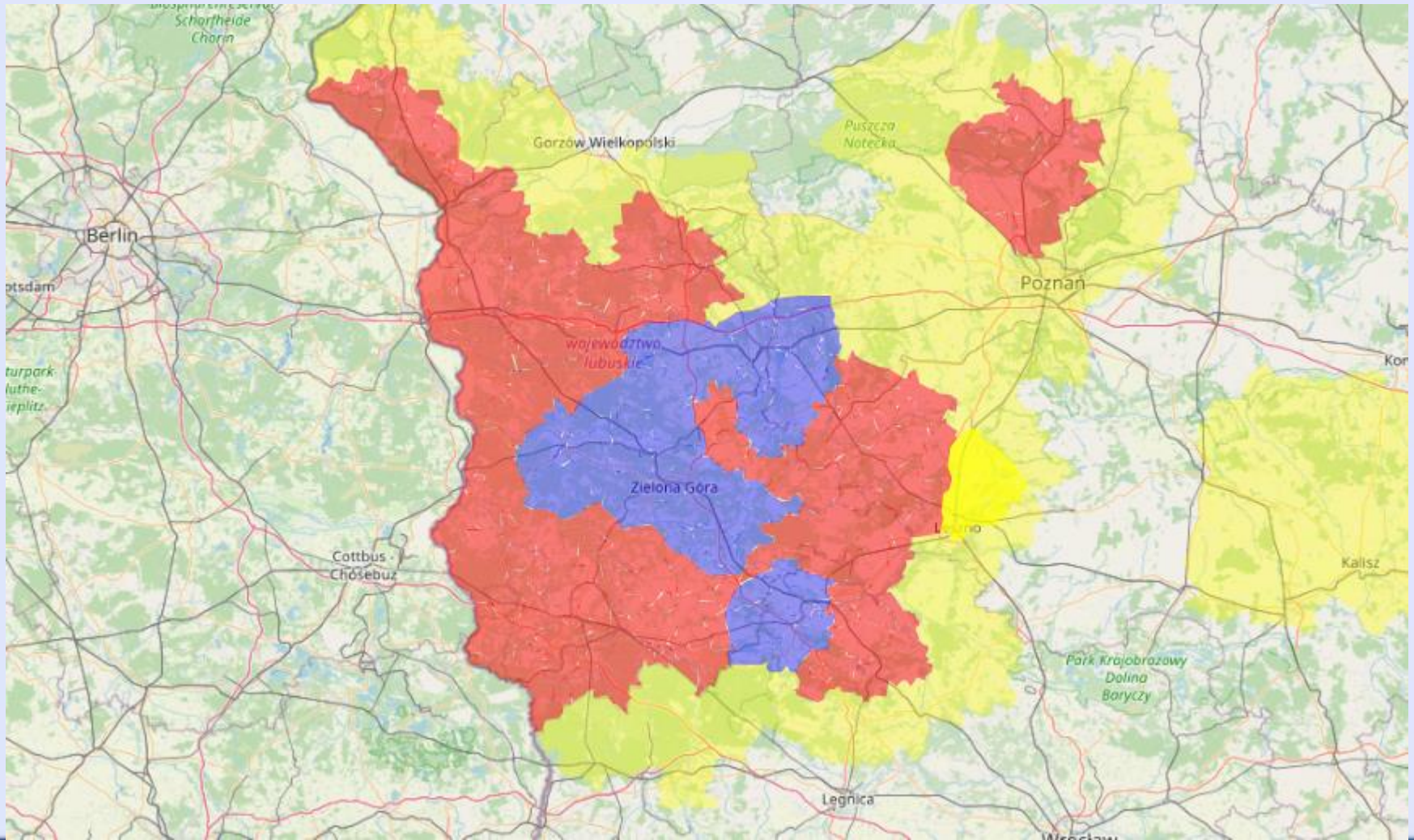


# Amendments of regionalisation



Reversion part II => part I => Wielkopolskie region

– no ASF cases , area II established after reversion from part III due to the outbreak in 2020



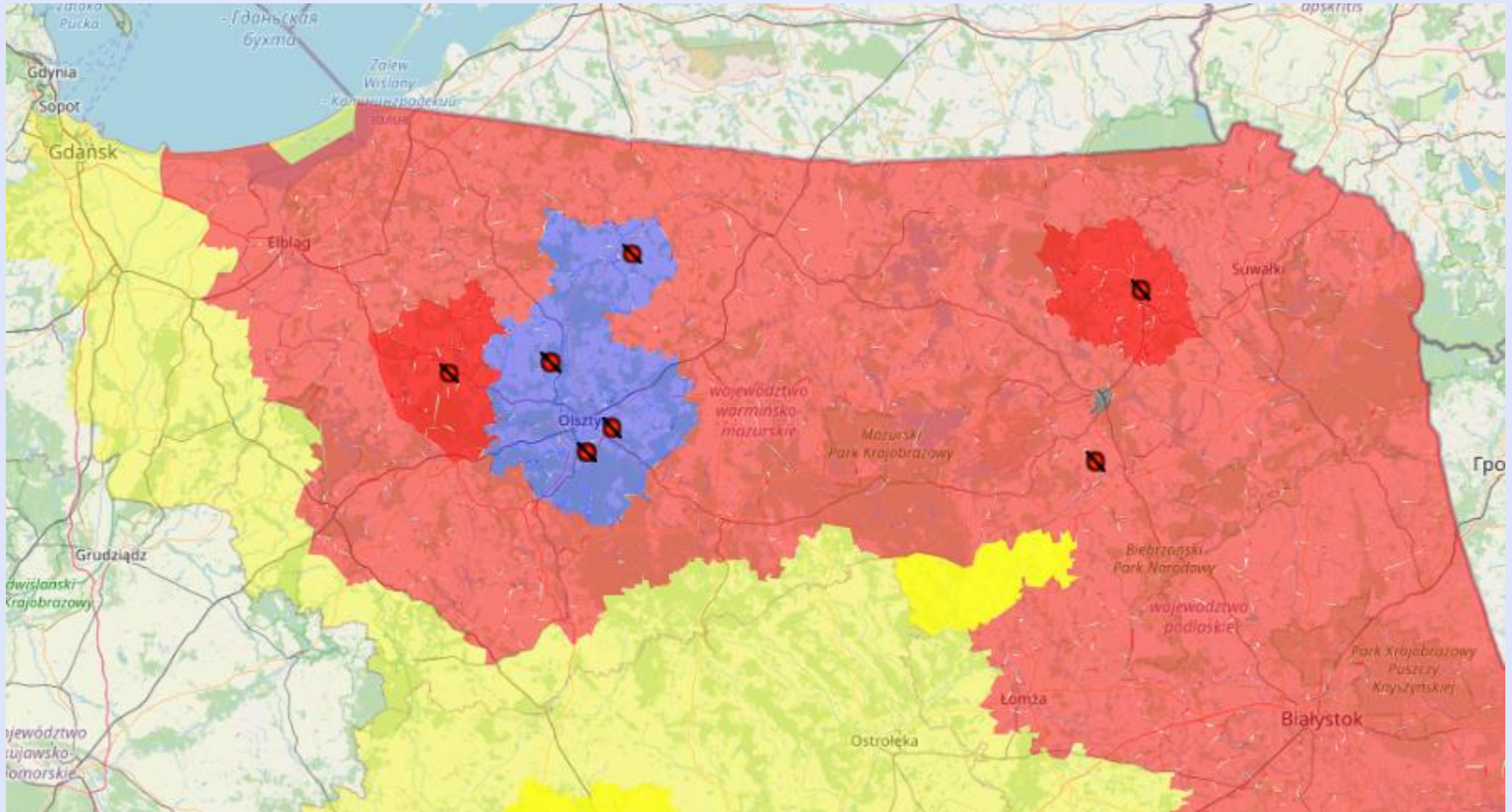


# Amendments of regionalisation



Reversion part III => part II

Warmińsko – Mazurskie and Podlaskie Regions



# Reversion part III => part II



## Warmińsko -Mazurskie Region

| district  | municipality | Total number of ASF outbreak detected in pigs in 2019/2020 | Date of confirmation on the last ASF outbreak | Number of the ASF outbreak (according to ADNS system) | Date of disinfection of the last ASF outbreak | Date of lifting of the measures set out in Council Directive 2002/60/EC in relation to the last ASF outbreak |
|-----------|--------------|--|---|---|---|--|
| ostródzki | Morąg        | 1  | 02.09.2020                                    | 80/2020   | 06.09.2020                                    | 19.10.2020   |
|           | Miłakowo     |  |   |   |   |  |
|           | Łukta        |  |   |   |   |  |
|           | cz. Miłomłyn |  |   |   |   |  |
|           | cz. Małdyty  |  |   |   |   |  |
|           | cz. Ostróda  |  |   |   |   |  |
| olecki    | all          | 2  | 03.07.2020                                    | 2020/6  | 04.07.2020                                    | 03.08.2020   |

## Podlaskie Region

| district | municipality | Total number of ASF outbreak detected in pigs in 2019/2020 | Date of confirmation on the last ASF outbreak                                 | Number of the ASF outbreak (according to ADNS system) | Date of disinfection of the last ASF outbreak | Date of lifting of the measures set out in Council Directive 2002/60/EC in relation to the last ASF outbreak |
|----------|--------------|--|---|---|---|--|
| suwalski | Bakałarzewo  | 0  | No outbreaks, area established due to the outbreak in olecki district -2020/6 |   |   |  |



# Holdings and biosecurity controls



| voivodeship          | district     | no. of holdings<br>01.01.2019 | no of holdings<br>controlled in<br>2019 | no. of<br>holdings<br>01.01.2020 | no of holdings<br>controlled in<br>2020 | no of holdings<br>01.01.2021 | no of holdings<br>controlled in<br>2021<br>(Jan- Feb) |
|----------------------|--------------|-------------------------------|---|----------------------------------|---|------------------------------|---|
| mazowieckie          | ciechanowski | 1200                          | 572                                     | 615                              | 283                                     | 394                          | 21  |
| mazowieckie          | miński       | 386                           | 181                                     | 180                              | 105                                     | 92                           | 3   |
| mazowieckie          | mławski      | 1402                          | 1062                                    | 916                              | 231                                     | 325                          | 1   |
| mazowieckie          | ostrowski    | 505                           | 472                                     | 231                              | 479                                     | 180                          | 149   |
| mazowieckie          | płoński      | 1224                          | 871                                     | 499                              | 363                                     | 326                          | 20  |
| mazowieckie          | sokołowski   | 389                           | 308                                     | 231                              | 449                                     | 208                          | 0   |
| mazowieckie          | wołomiński   | 134                           | 134                                     | 30                               | 32                                      | 26                           | 5   |
| mazowieckie          | węgrowski    | 812                           | 805                                     | 131                              | 136                                     | 117                          | 0   |
| podlaskie            | kolneński    | 508                           | 207                                     | 204                              | 180                                     | 185                          | 0   |
| podlaskie            | suwalski     | 469                           | 469                                     | 398                              | 398                                     | 370                          | 0   |
| warmińsko- mazurskie | olecki       | 98                            | 98                                      | 61                               | 61                                      | 46                           | 9   |
| warmińsko-mazurskie  | ostródzki    | 237                           | 237                                     | 143                              | 147                                     | 98                           | 7   |
| wielkopolskie        | leszczyński  | 1962                          | 283                                     | 1015                             | 1015                                    | 900                          | 139   |
| wielkopolskie        | kościański   | 2167                          | 509                                     | 1847                             | 2113                                    | 1157                         | 145   |

# Surveillance in pigs 2020



## live pigs

| voivodeship         | poviat       | number of live pigs sampled | number of positive results |
|---------------------|--------------|-----------------------------|----------------------------|
| mazowieckie         | ciechanowski | 44516                       | 0                          |
|                     | mławski      | 7541                        | 0                          |
|                     | ostrowski    | 460                         | 0                          |
|                     | płoński      | 28075                       | 0                          |
|                     | sokołowski   | 32601                       | 0                          |
|                     | wołomiński   | 993                         | 0                          |
|                     | miński       | 5603                        | 0                          |
|                     | węgrowski    | 9350                        | 0                          |
| podlaskie           | Kolno        | 14907                       | 0                          |
|                     | Suwałki      | 26965                       | 0                          |
| warmińsko-mazurskie | ostródzki    | 12 000                      | 25                         |
|                     | olecki       | 12 461                      | 4                          |
| wielkopolskie       | Leszno       | 73 182                      | 3                          |
|                     | Kościan      | 37 502                      | 0                          |
|                     |              |                             |                            |

## dead pigs

| voivodeship         | poviat       | number of dead pigs sampled | number of positive results |
|---------------------|--------------|-----------------------------|----------------------------|
| mazowieckie         | ciechanowski | 11                          | 0                          |
|                     | mławski      | 0                           | 0                          |
|                     | ostrowski    | 0                           | 0                          |
|                     | płoński      | 0                           | 0                          |
|                     | sokołowski   | 116                         | 0                          |
|                     | wołomiński   | 31                          | 0                          |
|                     | miński       | 1                           | 0                          |
|                     | węgrowski    | 1                           | 0                          |
| podlaskie           | Kolno        | 4                           | 0                          |
|                     | Suwałki      | 2                           | 0                          |
| warmińsko-mazurskie | ostródzki    | 327                         | 4                          |
|                     | olecki       | 292                         | 0                          |
| wielkopolskie       | Leszno       | 91                          | 6                          |
|                     | Kościan      | 354                         | 0                          |
|                     |              |                             |                            |

# Surveillance in pigs 2021 (JAN)



## live pigs

| voivodeship         | powiat       | number of live pigs sampled | number of positive results |
|---------------------|--------------|-----------------------------|----------------------------|
| mazowieckie         | ciechanowski | 3952                        | 0                          |
|                     | mławski      | 666                         | 0                          |
|                     | ostrowski    | 240                         | 0                          |
|                     | płoński      | 5291                        | 0                          |
|                     | sokołowski   | 3123                        | 0                          |
|                     | wołomiński   | 0                           | 0                          |
|                     | miński       | 488                         | 0                          |
|                     | węgrowski    | 53                          | 0                          |
| podlaskie           | Kolno        | 1052                        | 0                          |
|                     | Suwałki      | 2377                        | 0                          |
| warmińsko-mazurskie | ostródzki    | 2 340                       | 0                          |
|                     | oleski       | 1 014                       | 0                          |
| wielkopolskie       | Leszno       | 11 159                      | 0                          |
|                     | Kościan      | 5 141                       | 0                          |

## dead pigs

| voivodeship         | powiat       | number of dead pigs sampled | number of positive results |
|---------------------|--------------|-----------------------------|----------------------------|
| mazowieckie         | ciechanowski | 1                           | 0                          |
|                     | mławski      | 3                           | 0                          |
|                     | ostrowski    | 0                           | 0                          |
|                     | płoński      | 3                           | 0                          |
|                     | sokołowski   | 0                           | 0                          |
|                     | wołomiński   | 4                           | 0                          |
|                     | miński       | 0                           | 0                          |
|                     | węgrowski    | 0                           | 0                          |
| podlaskie           | Kolno        | 0                           | 0                          |
|                     | Suwałki      | 0                           | 0                          |
| warmińsko-mazurskie | ostródzki    | 25                          | 0                          |
|                     | oleski       | 29                          | 0                          |
| wielkopolskie       | Leszno       | 0                           | 0                          |
|                     | Kościan      | 0                           | 0                          |



# Surveillance in wild boar 202



## WB shot

| voivodeship         | powiat       | number of shot wild boar sampled | number of positive results |
|---------------------|--------------|----------------------------------|----------------------------|
| mazowieckie         | ciechanowski | 670                              | 2                          |
|                     | mławski      | 685                              | 0                          |
|                     | ostrowski    | 768                              | 0                          |
|                     | płoński      | 603                              | 0                          |
|                     | sokołowski   | 593                              | 2                          |
|                     | wołomiński   | 1009                             | 0                          |
|                     | miński       | 799                              | 2                          |
|                     | węgrowski    | 898                              | 0                          |
| podlaskie           | Kolno        | 257                              | 0                          |
|                     | Suwałki      | 679                              | 6                          |
| warmińsko-mazurskie | ostródzki    | 3 494                            | 49                         |
|                     | olecki       | 637                              | 22                         |
| wielkopolskie       | Leszno       | 1 861                            | 0                          |
|                     | Kościan      | 1 330                            | 0                          |

## WB dead

| voivodeship         | powiat       | number of dead wild boar sampled | number of positive results |
|---------------------|--------------|----------------------------------|----------------------------|
| mazowieckie         | ciechanowski | 19                               | 1                          |
|                     | mławski      | 15                               | 0                          |
|                     | ostrowski    | 21                               | 0                          |
|                     | płoński      | 18                               | 0                          |
|                     | sokołowski   | 32                               | 0                          |
|                     | wołomiński   | 89                               | 0                          |
|                     | miński       | 74                               | 9                          |
|                     | węgrowski    | 26                               | 0                          |
| podlaskie           | Kolno        | 11                               | 0                          |
|                     | Suwałki      | 31                               | 6                          |
| warmińsko-mazurskie | ostródzki    | 522                              | 445                        |
|                     | olecki       | 54                               | 32                         |
| wielkopolskie       | Leszno       | 179                              | 37                         |
|                     | Kościan      | 36                               | 0                          |

# Surveillance in wild boar 2021 (Jan)



## WB shot

| voivodeship         | powiat       | number of shot wild boar sampled | number of positive results |
|---------------------|--------------|----------------------------------|----------------------------|
| mazowieckie         | ciechanowski | 78                               | 0                          |
|                     | mławski      | 105                              | 0                          |
|                     | ostrowski    | 102                              | 0                          |
|                     | płoński      | 118                              | 0                          |
|                     | sokołowski   | 79                               | 0                          |
|                     | wołomiński   | 96                               | 0                          |
|                     | miński       | 82                               | 0                          |
|                     | węgrowski    | 74                               | 0                          |
| podlaskie           | Kolno        | 28                               | 0                          |
|                     | Suwałki      | 58                               | 0                          |
| warmińsko-mazurskie | ostródzki    | 204                              | 6                          |
|                     | olecki       | 32                               | 1                          |
| wielkopolskie       | Leszno       | 153                              | 0                          |
|                     | Kościan      | 98                               | 0                          |

## WB dead

| voivodeship         | powiat       | number of dead wild boar sampled | number of positive results |
|---------------------|--------------|----------------------------------|----------------------------|
| mazowieckie         | ciechanowski | 3                                | 0                          |
|                     | mławski      | 1                                | 0                          |
|                     | ostrowski    | 0                                | 0                          |
|                     | płoński      | 0                                | 0                          |
|                     | sokołowski   | 2                                | 0                          |
|                     | wołomiński   | 3                                | 0                          |
|                     | miński       | 2                                | 0                          |
|                     | węgrowski    | 0                                | 0                          |
| podlaskie           | Kolno        | 1                                | 0                          |
|                     | Suwałki      | 1                                | 0                          |
| warmińsko-mazurskie | ostródzki    | 35                               | 34                         |
|                     | olecki       | 0                                | 0                          |
| wielkopolskie       | Leszno       | 14                               | 0                          |
|                     | Kościan      | 0                                | 0                          |

# Preventive measures in the area bordering Slovakia



## ✓ Active search

10 October 2020 - 26 December 2020 => 9 875 ha have been inspected by 265 people and January -11 April 2021 the area of 4885 ha were covered and more than 131 people were involved in active search of WB within this activity

No dead WB were found.

## ✓ Active search with drones:

- Thermovision drones used for search of re WB liv – deer and roe deer found only (day flights)

- Evening and night drone flights –deer, roe deer, fox, hares and unidentified objects identified ,but no WB found,

✓ photo-traps were installed to determine the presence of wild boars and their migration - no WB found;

✓ Sanitary shooting - 7552 WB ordered to be shot in whole Małopolskie region till the end of 2021

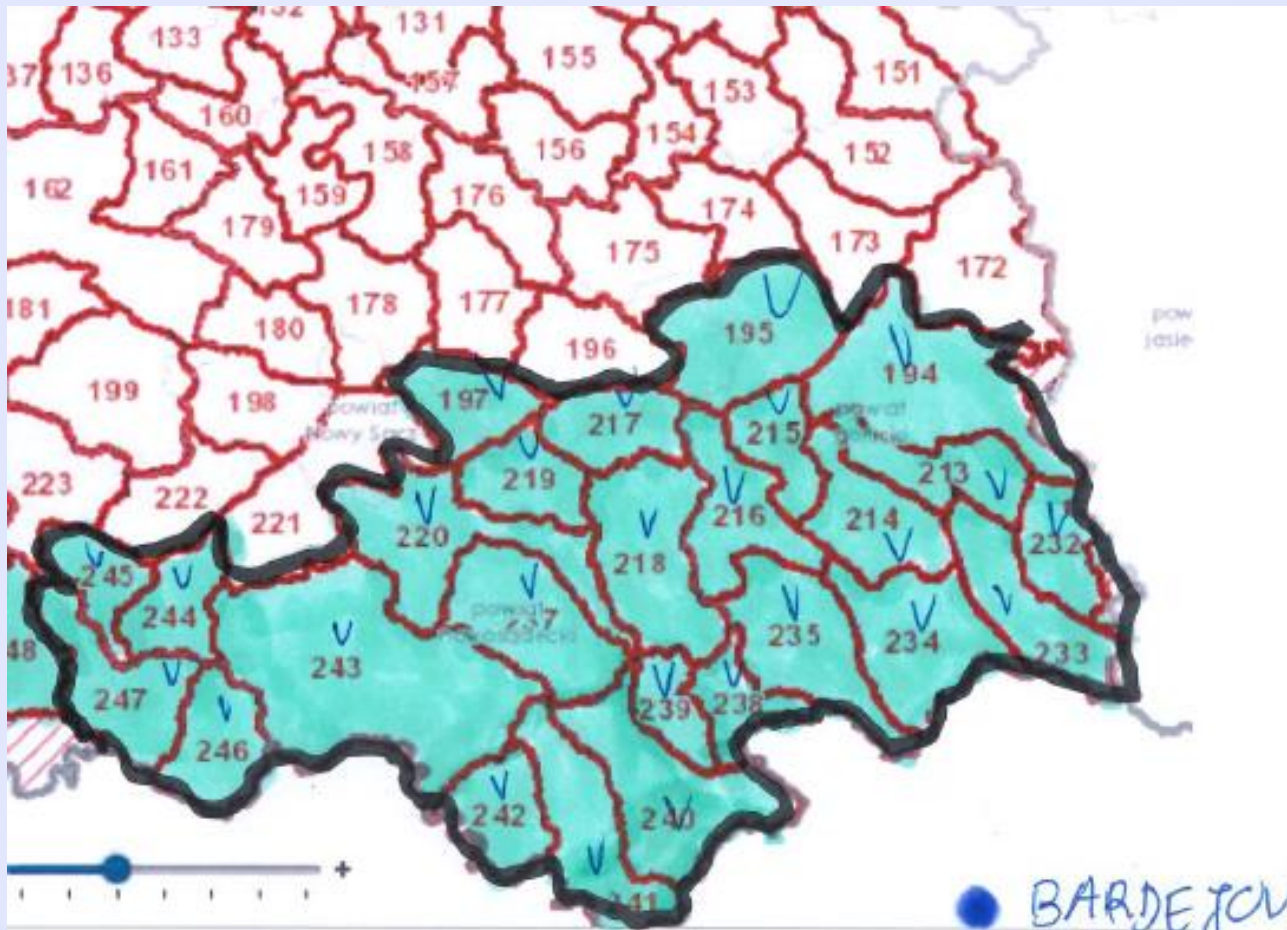
✓ Passive surveillance – 42 dead WB – whole Małopolskie voivodeship -  
NEGATIVE

# Preventive measures in the area bordering Slovakia



## Hunting grounds in which additional sanitary shooting is carried out

- The new order of 1 April 2020 for 291 WB to be shot in the hunting grounds bordering with Slovakia



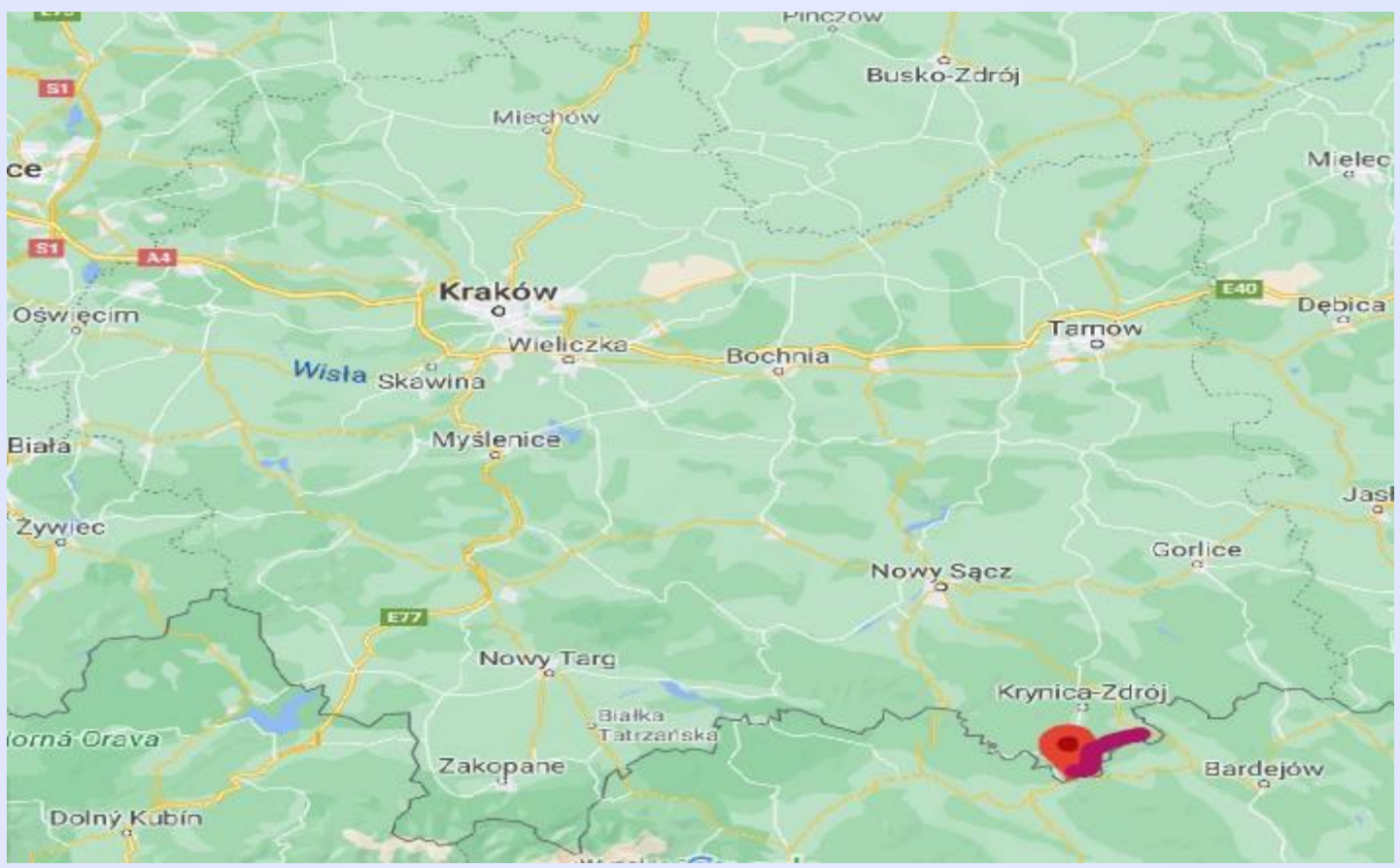


# Preventive measures in the area bordering Slovakia



along the state border in the vicinity of WB cases on Slovakian side - artificial odour barrier -36 km long and 16m wide

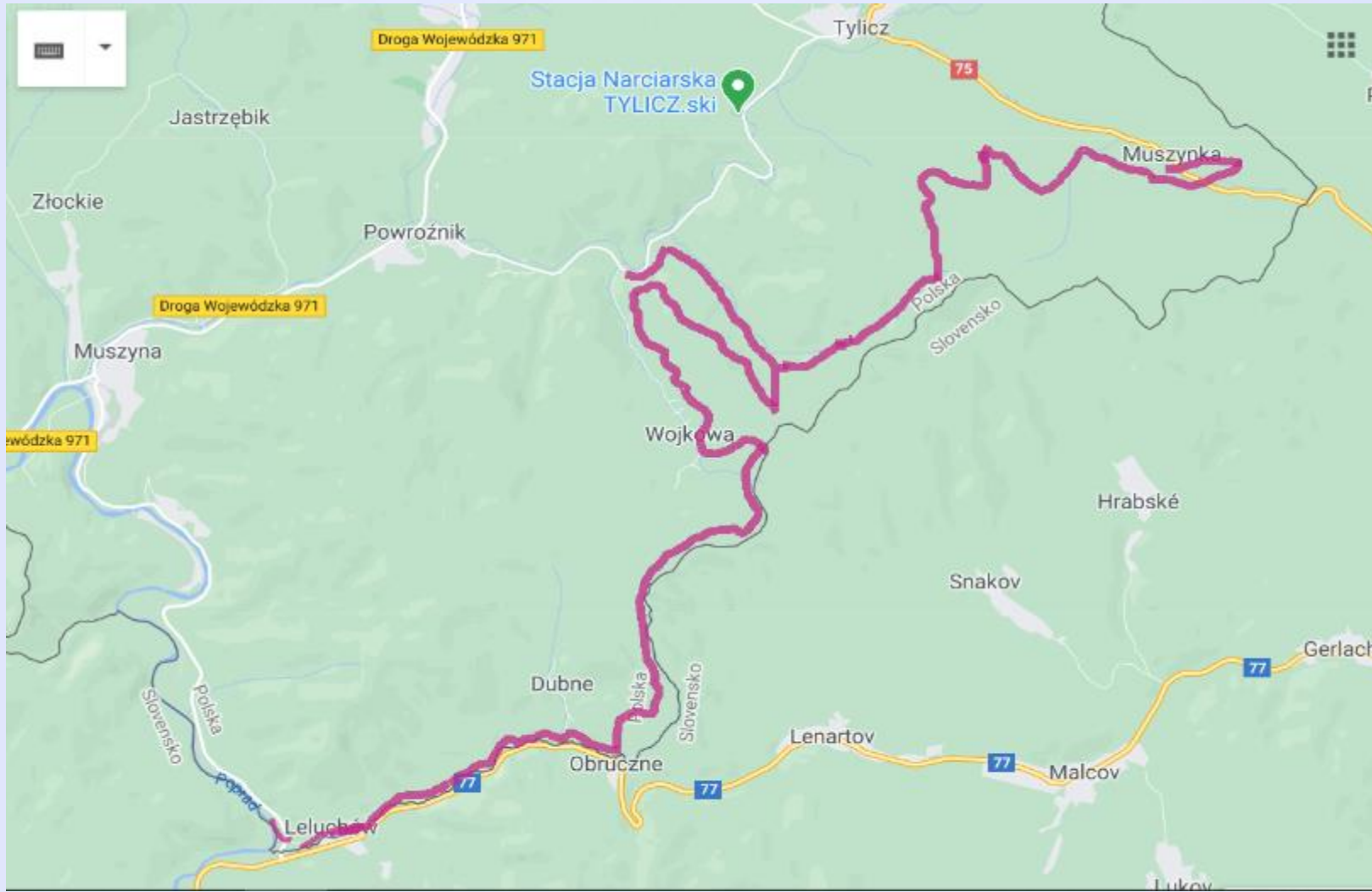
photo traps are used to find out how this particular repelent (Penergetoc b) is efficient.



# Preventive measures in the area bordering Slovakia



along the state border in the vicinity of WB cases on Slovakian side - artificial odour barrier





Thank you for your attention