



State  
Veterinary  
Administration



MINISTRY OF AGRICULTURE OF THE CZECH REPUBLIC

# African swine fever in wild boar in the Czech Republic

## DEVELOPMENT AND CURRENT SITUATION

Ministerial Conference, Brussels, 19. 12. 2018

Patrik Mlynář  
Deputy minister

## ASF - First occurrence of ASF in wild boars in the Czech Republic

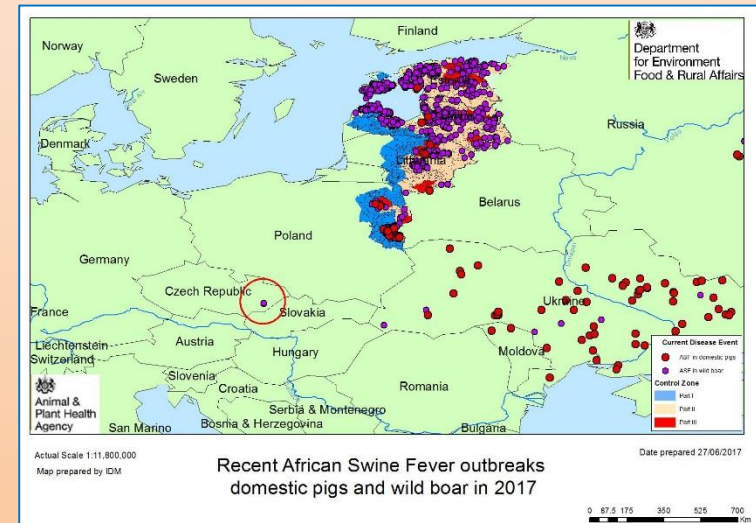
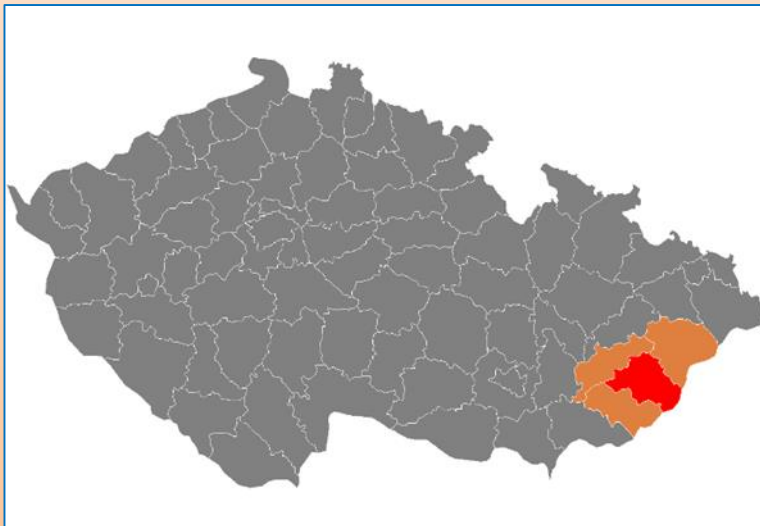
Date of finding: 21.6.2017

Location of finding: Příkladky u Zlína, GPS 49°13'44.303"N, 17°42'1.996"E

Date of the first laboratory result: 26.6.2017 (SVI Olomouc)

Date of the confirmation: 26.6.2017 (NRL SVI Jihlava)

Introduction of the ASF virus to the Czech Republic by passive transmission – human factor (truck transport, foreign workers – foodstuffs ?) – the nearest ASF outbreaks are some 400 km away



The infected area was immediately defined by means of a list of cadastre units on 27. 6. 2017; in conformity with a Commission Decision it was extended to cover the whole **Zlín district** (3. 7. 2017).

## ASF – Veterinary measures adopted until 31 July 2017

- **The infected area (IA)** was defined by means of a list of cadastre units on 27. 6. 2017; in conformity with a Commission Decision it was extended to cover the whole **Zlín district** (3. 7. 2017, **530 km<sup>2</sup>**).
- Emergency veterinary measures were imposed **including a ban on hunting and feeding of wild boars (27. 6. 2017)**.
- A list was drawn up of all categories of pigs in holdings located in the IA (27. 6. 2017).
- **Veterinary measures were adopted in pig holdings** in the defined IA (prevention of contact with wild boars, biosecurity rules, movement, disinfection, etc.).
- **Epidemiological investigation** carried out in the infected area (from 27. 6. 2017), including inspection of the sites where ASF positive dead wild boars were found
- An expert group was set up – National Centre for Disease Eradication (28. 6. 2017).
- **Area with intensive hunting** was defined around the IA (13. 7. 2017, **8 500 km<sup>2</sup>**).
- **Area with a higher ASF risk** was defined within the IA (18. 7. 2017, **89 km<sup>2</sup>**).
- Installation was ordered of **scented fence** around the high risk area (18. 7. 2017)
- **Area with lower ASF risk** was defined within the IA (21. 7. 2017).
- Installation was ordered of **electric fence** around the high risk area (31. 7. 2017)

# ASF - Total number of wild boars and domestic pigs ASF tested/positive (26. 6. 2017 – 26. 11. 2018)

In total **230** cases of African swine fever in wild boar population

- The total number of positive cases found in dead wild boar: **212** (last positive cases **15. 4. 2018**)
- The total number of positive cases in hunted wild boar: **18** (last positive cases **8. 2. 2018**)

## WILD BOARS

### 1) Infected area (Part II according to the EU regionalisation)

- found dead 437 / **212 positive**
- hunted 3 639 / **18 positive**

### 2) Other areas of the Zlín region (Part I)

- found dead 146 / **0 positive**
- hunted 10 446 / **0 positive**

### 3 Area with intensive hunting (without Part I and II areas)

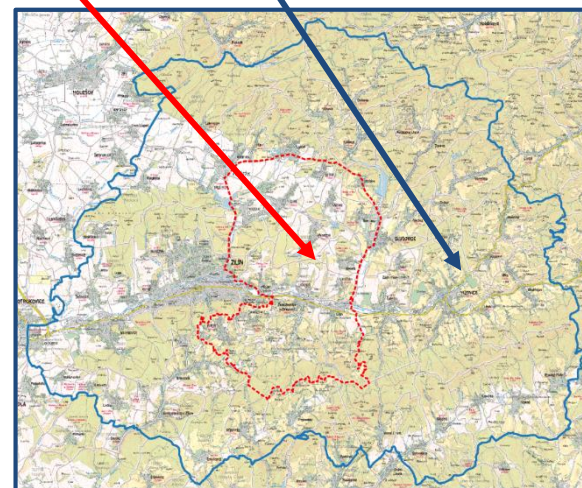
- hunted 10 575 / **0 positive**

### 4) The whole Czech Republic (without Part I and II areas)

- found dead 2 268 / **0 positive**

All positive cases in **high- risk area - only 89 km<sup>2</sup>**

Infected area – **530 km<sup>2</sup>**



## DOMESTIC PIGS

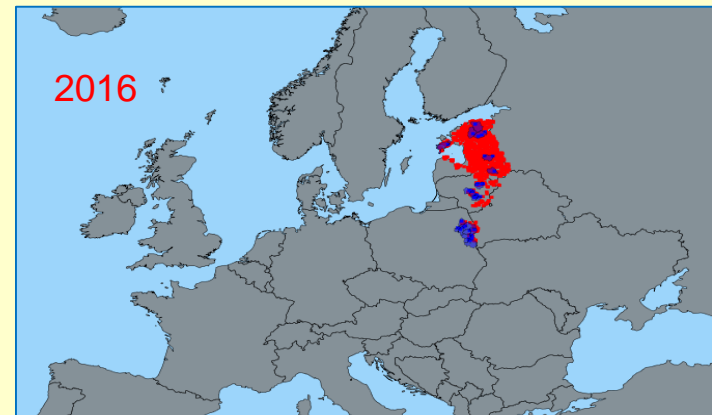
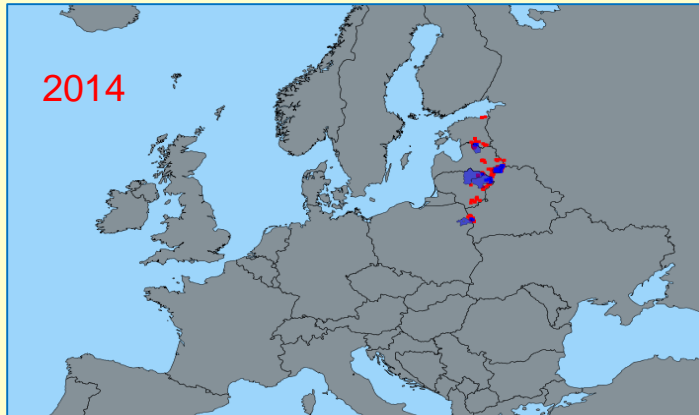
| Total number of domestic pigs tested / positive | Part II        |                | Part I         |                 |
|---|----------------|----------------|----------------|-----------------|
|   | Active         | Passive        | Active         | Passive         |
|   | 337 / <b>0</b> | 109 / <b>0</b> | 723 / <b>0</b> | 1146 / <b>0</b> |

**NO OUTBREAK IN DOMESTIC PIGS**

# ASF - main veterinary measures that have been adopted

## 1. Passive surveillance in wild boars – whole territory

Since 2014, African swine fever (ASF) has been occurring in Estonia, Latvia, Lithuania and Poland



Therefore, starting from 2014, all wild boars found dead in the Czech Republic have been tested for ASF

| Numbers of found and tested dead wild boars – the whole Czech Republic 2014 - 2018 |      |   |      |   |      |   |       |     |                     |    |
|--|------|---|------|---|------|---|-------|-----|---------------------|----|
| Year   | 2014 |   | 2015 |   | 2016 |   | 2017  |     | 2018 (until 26.11.) |    |
| No of tested /positive   | 243  | 0 | 348  | 0 | 404  | 0 | 1 622 | 191 | 1 346               | 21 |

**The countrywide monitoring of ASF was a key element in early detection of ASF in the Czech Republic and allowed an immediate and effective response by the State Veterinary Administration**

# ASF - main veterinary measures that have been adopted

## 2. Active surveillance in wild boars and safe disposal

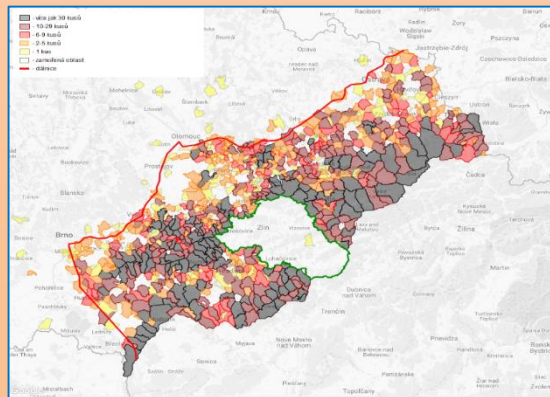
All wild boars hunted in the infected area are tested on ASF and **safely disposed in the rendering plant.**  
**Sampling is carried out only in the rendering plant.**



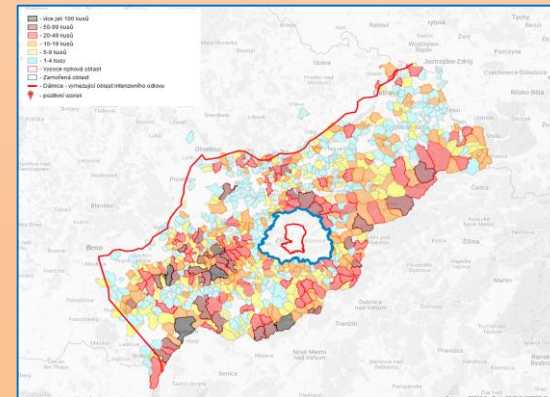
Around the infected area is defined area with intensive hunting.  
 All wild boars hunted in this area are tested on ASF too.

Hunting of wild boars in the area with intensive hunting

until 31. 1. 2018



1. 2. 2018 – 26. 11. 2018



## ASF - main veterinary measures that have been adopted

### 3. Regulation of hunting in infected area

1. Complete ban of hunting from 27. 06. 2017 to 21. 07. 2017
2. Decrease of incidence – hunting in low-risk area since 21. 07. 2017
3. Hunting in high-risk area – trapping since 24. 08. 2017  
– individual hunting by trained hunters since 11. 09. 2017
4. Cooperation with Police – started from 16. 10. 2017



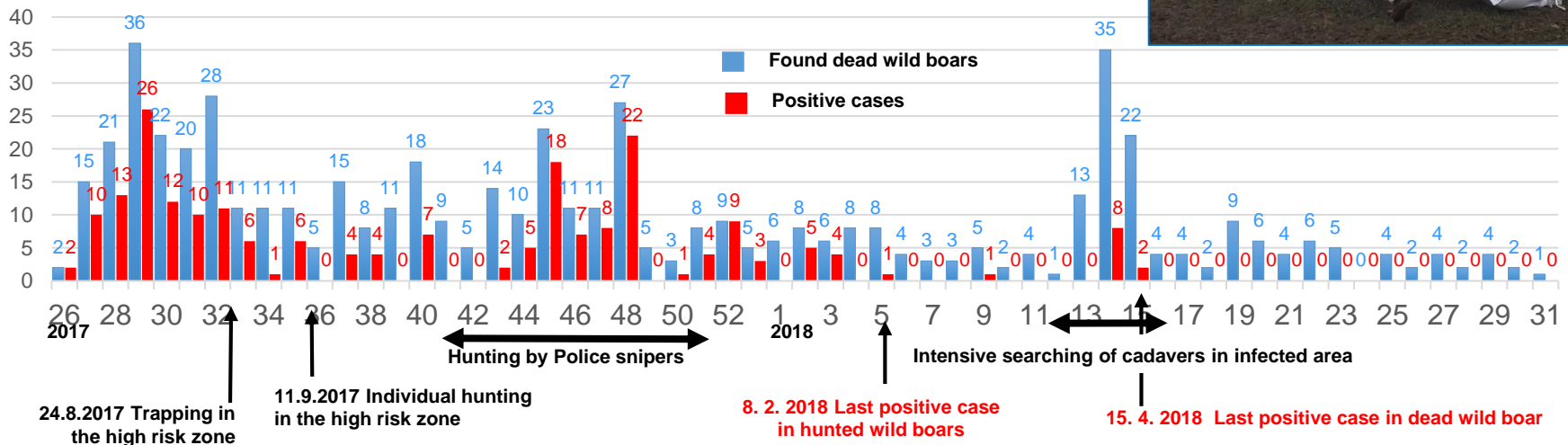
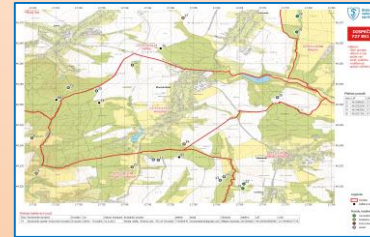
# ASF - main veterinary measures that have been adopted

## 4. Cooperation with Police



Individual hunting by snipers from Police started from **16. 10. 2017**  
**Hunted in total 170 WB, of which 8 positive for ASF**

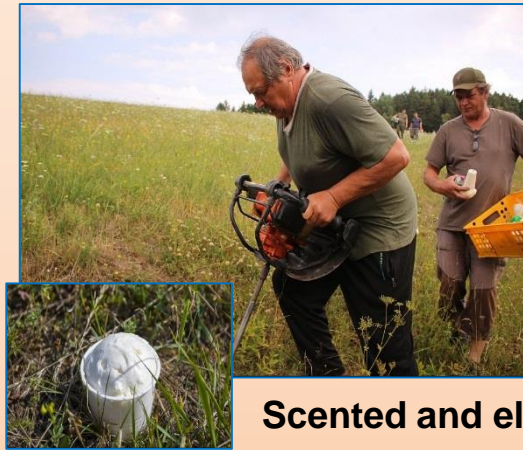
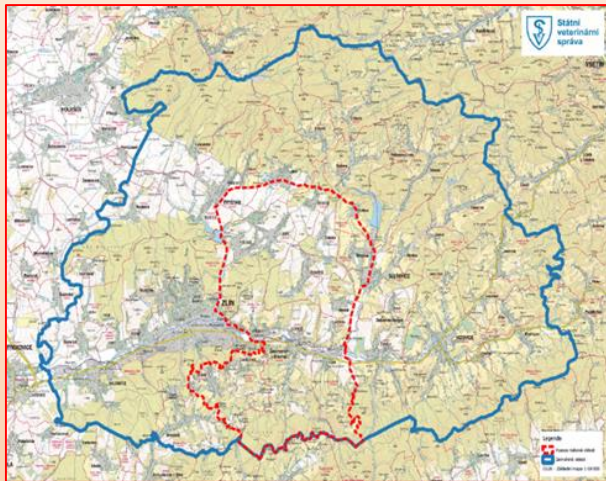
- Snipers were trained for biosecurity during hunting
- Organization and coordination by RVA
- Collection of hunted WB done by State Veterinary Administration





# ASF - main veterinary measures that have been adopted

## 5. Reducing wild boar migration – decreasing risk of ASF spreading



Scented and electric fences

Ban on entering in the highest-risk area



Unharvesting of crops



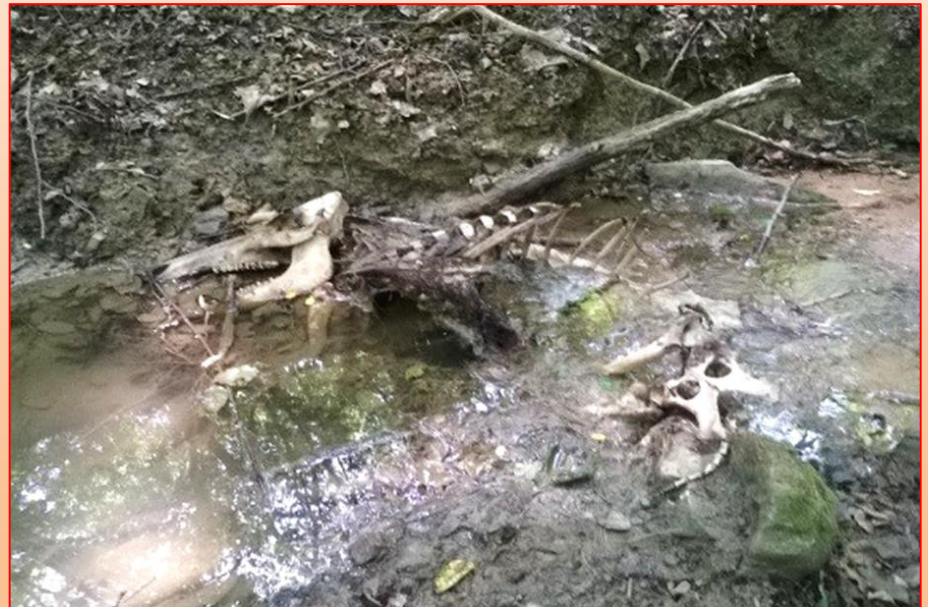
## ASF - main veterinary measures that have been adopted

### 6. Intensive searching of cadavers

**Cadavers of dead wild boars** constitute the greatest risk for the spread of ASF in wild boar population. Therefore, the SVA ordered that the users of hunting grounds in the infected area must carry out **an intensive search** for wild boar cadavers from **22. 03. 2018 to 22. 04. 2018**.

**56 cadavers** were found during this action, **10** of them were ASF positive. However, these **cadavers were some 3-6 months old**.

These positive cases do not constitute a new ASF outbreak, but rather a significant reduction of the risk of further spread.



## ASF –measures in infected area (Part II)

- Official control in domestic pig farms continue in accordance with Commission Implementing Decision 2014/709/EU.
- Farmers must report all dead pigs in the breed in the infected area, ASF laboratory tests are performed.
- Movement of pigs only with authorization issued by the RVA for Region Zlín.
- Ban on keeping of pigs in backyard farms in the infected area since 12. 3. 2018.
- Smell (odor) fences remain functional - complete renovation as of 30. 9. 2018.
- Active search of wild boar cadavers continue.
- Intensive hunting of wild boar continue – only individual hunting by trained hunters.
- All found dead and hunted wild boars are ASF tested and safely disposed in rendering plant.
- **Electric fence were removed (as of 1. 10. 2018)**
- **Highest – risk area within an infected area was abolished (26. 11. 2018)**

## ASF - new measures taken in relation to the ASF situation in Europe

- Ban of imports of wild boars and parts thereof coming from countries with occurrence ASF (valid from 31. 10. 2018).
- Ban of the use of hay and straw coming from countries with ASF in pig holdings (valid from 31. 10. 2018).
- Support of reducing the number of wild boars in the whole territory of the Czech Republic - reward of CZK 2,000 (EUR 78) for each hunted wild boar if the hunt exceeds the three-year average (valid from 1. 11. 2018).
- Negotiation of Central Disease Control Commission – coordination of all stakeholders, preparation for the occurrence of ASF in larger areas of the Czech Republic (1. 11. 2018).
- Increasing the number of checks at the international airport in Prague in cooperation with the Customs administration of the Czech Republic.
- Increasing the number of inspections of international carriers (professional drivers) in cooperation with the Police of the Czech Republic.
- Rapid completion of fencing of highway and major transport routes in cooperation with the Ministry of Transport of the Czech Republic and Directorate of Roads and Motorways.



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# Thank you

