



Ministry of Agriculture

Short overview of the epidemiological situation,
control and surveillance measures regarding African
swine fever in Hungary

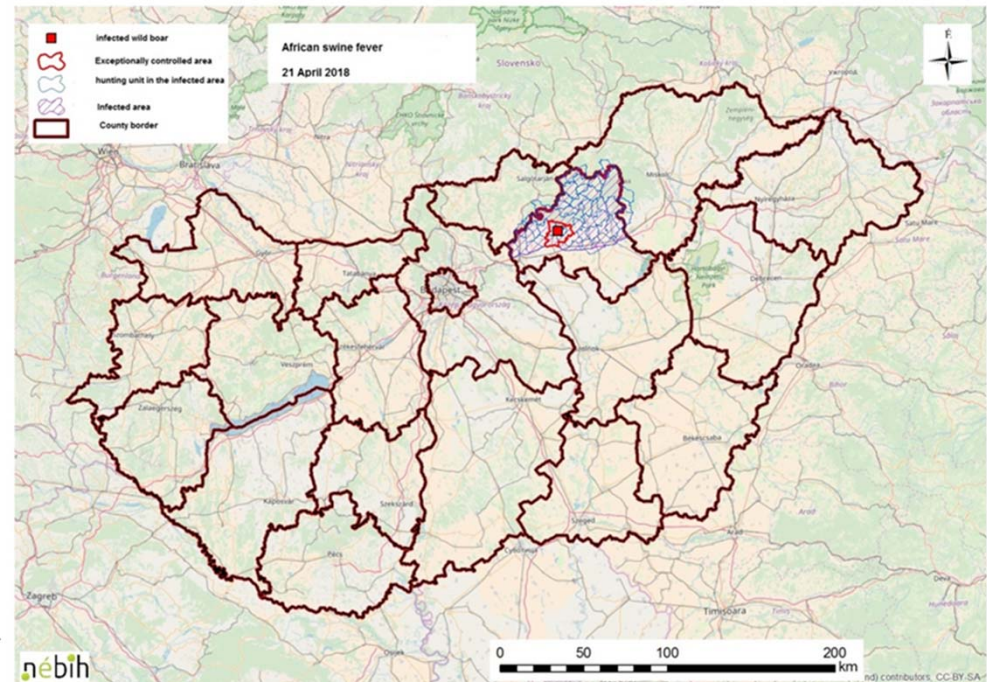
Meeting of the Standing Committee of Plants, Animals,
Food and Feed
Brussels, 17 October 2018



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The first ASF case in Hungary in wild boar in Heves county

- The first ASF case in Hungary was confirmed on **21 April** by **PCR** test in a **dead wild boar in Heves county**, around the locality of Gyöngyös.
- Possible source of the infection was **waste from pork product illegally imported by workers from Ukraine**
- **The temporary infected area and an exceptionally controlled area within the infected area were set up as a direct CVO order**





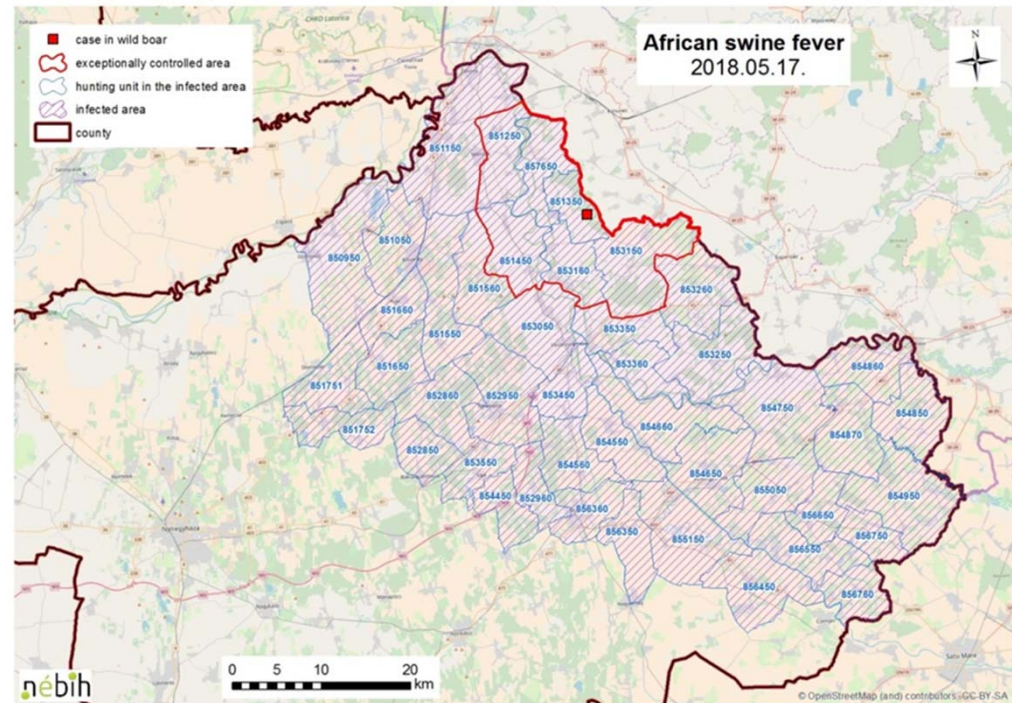
The first ASF case in Hungary in wild boar in Heves county 2.

- **After the first case a new risk analysis carried out and according to its results the infected area in Heves county was modified and the High Risk Area around was determined.**
- **The Commission Implementing Decision (EU) 2018/834 listed these areas (infected area in Part II of the Annex and High Risk Area in Part I of the Annex)**
- **On 21 September 2018 the Decision No. 3/2018. of the Chief Veterinary Officer was issued and the infected area due to the cases in Heves county has been increased with 16 hunting units in Nógrád county near to Heves county.**
- **The Commission Implementing Decision (EU) 2018/1512 contains the modified risk area**



First ASF case in Szabolcs-Szatmár-Bereg county, in wild boar

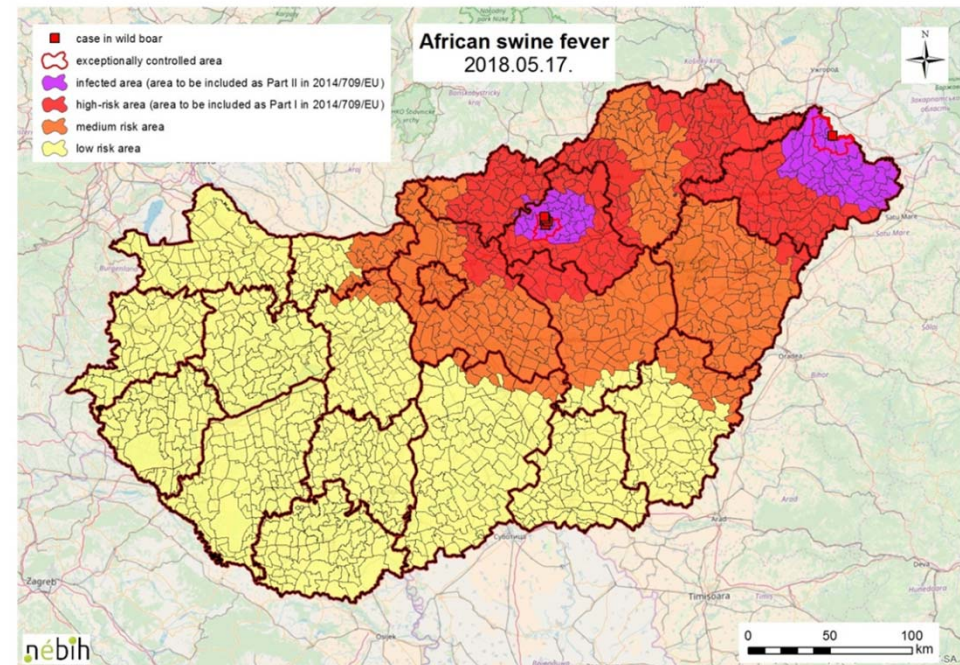
- A dead wild boar was found 1 km from the Ukrainian border on 14 May
- ASF virus presence was confirmed 16 May at the NRL
- Virus isolation and sequencing: same strain
- Most possible source: natural movement of wild pigs
- **The infected area and an exceptionally controlled area within the infected area were set up as a direct CVO order**





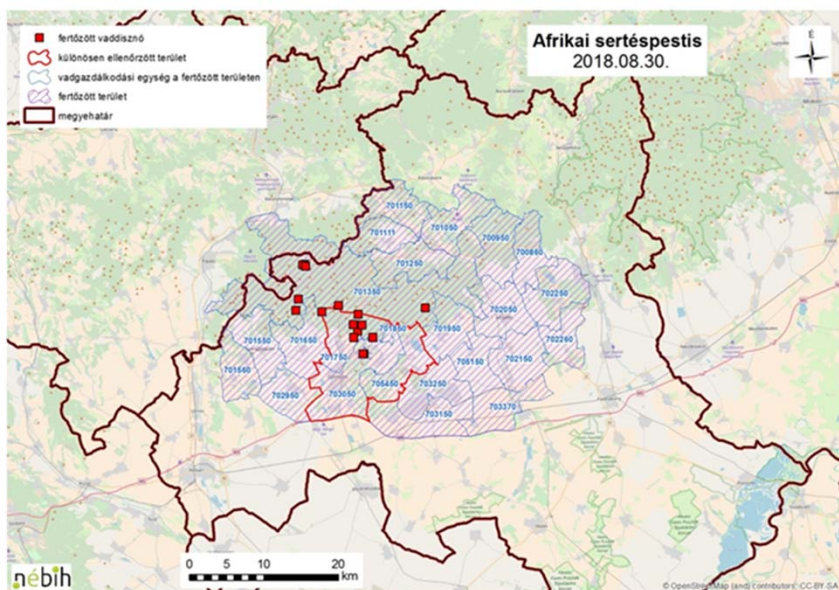
First ASF case in Szabolcs-Szatmár-Bereg county, in wild boar 2.

- The infected area in Szabolcs-Szatmár-Bereg county has been enlarged with 3 hunting units near to the Romanian border by Decision No. 3/2018. of the Chief Veterinary Officer
- The Commission Implementing Decision (EU) 2018/1512 contains the modified risk area

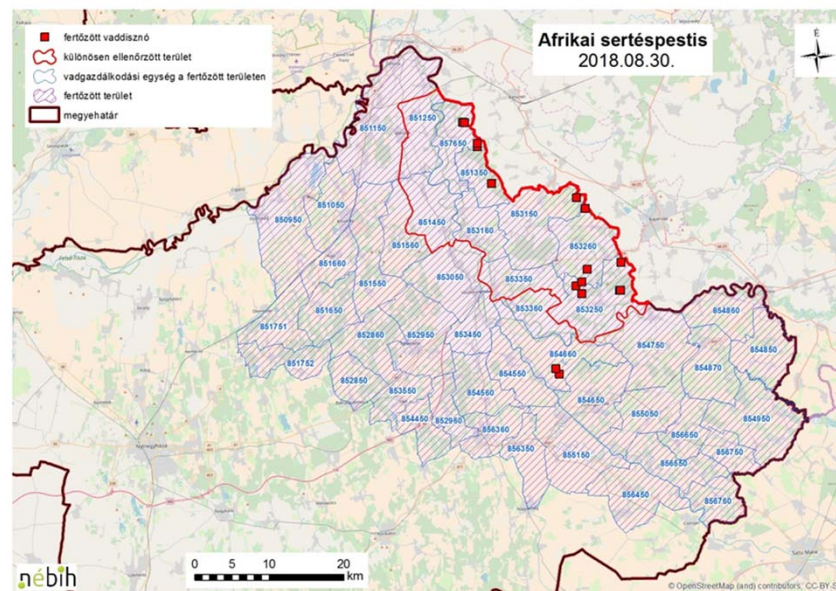




Further cases



Heves county: 20 cases: 19 found dead, 1 diagnostic shoot
Last case: 12 October



Sz-Sz-B county: 18 cases: all found dead
Last case: 8 August

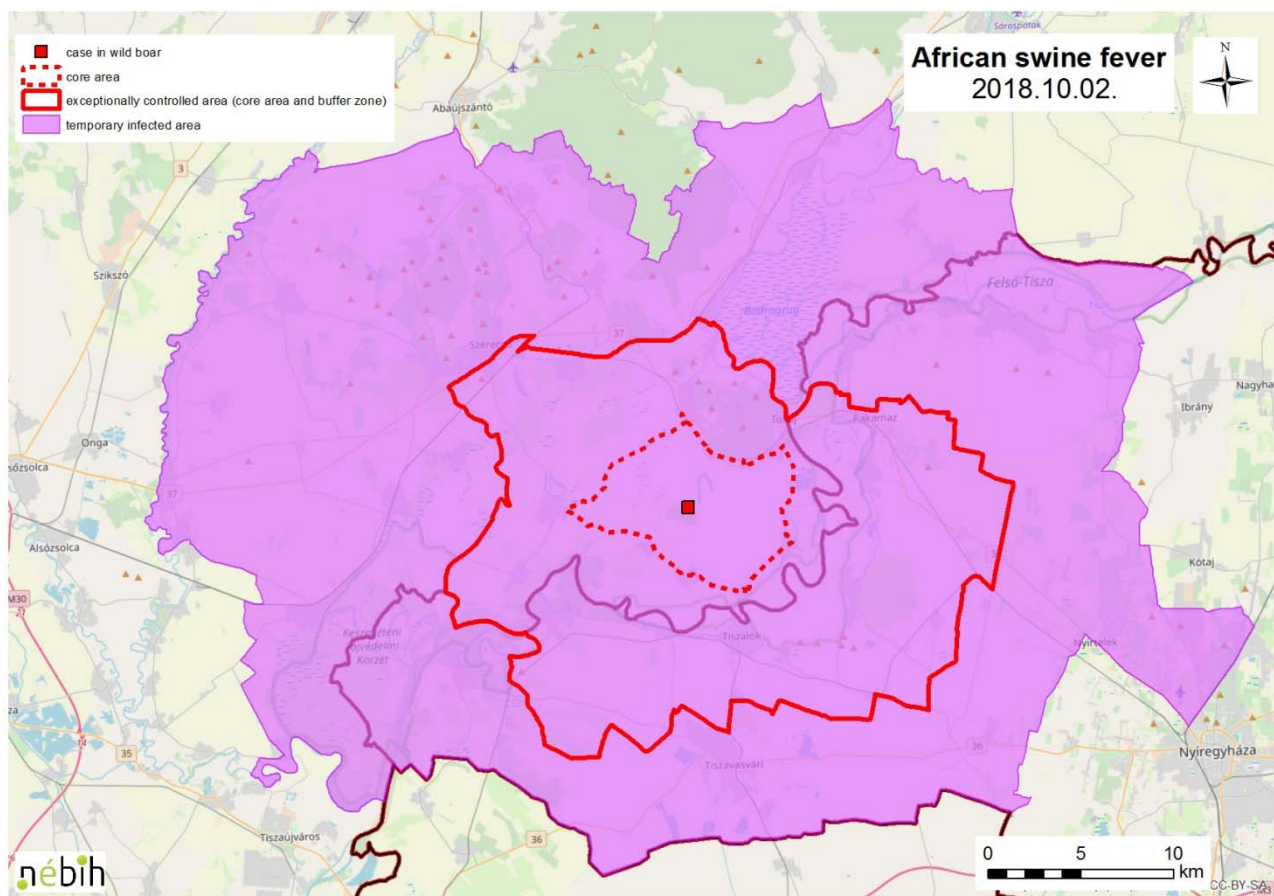


The first ASF case in wild boar in Borsod-Abaúj-Zemplén

- A **healthy wild boar** was shot (in the frame of diagnostic shooting to decrease the wild boar population) around the locality of Tarcál in **Borsod-Abaúj-Zemplén county** near to the border with Szabolcs-Szatmár-Bereg county on the night of 27 September.
- Sample was taken and sent to the National Reference Laboratory and **ASF virus** was confirmed on **2 October by PCR test**.
- At this stage of the epidemiological investigation there is no meaningful information about the source of the infection.



The first ASF case in wild boar in Borsod-Abaúj-Zemplén 2.





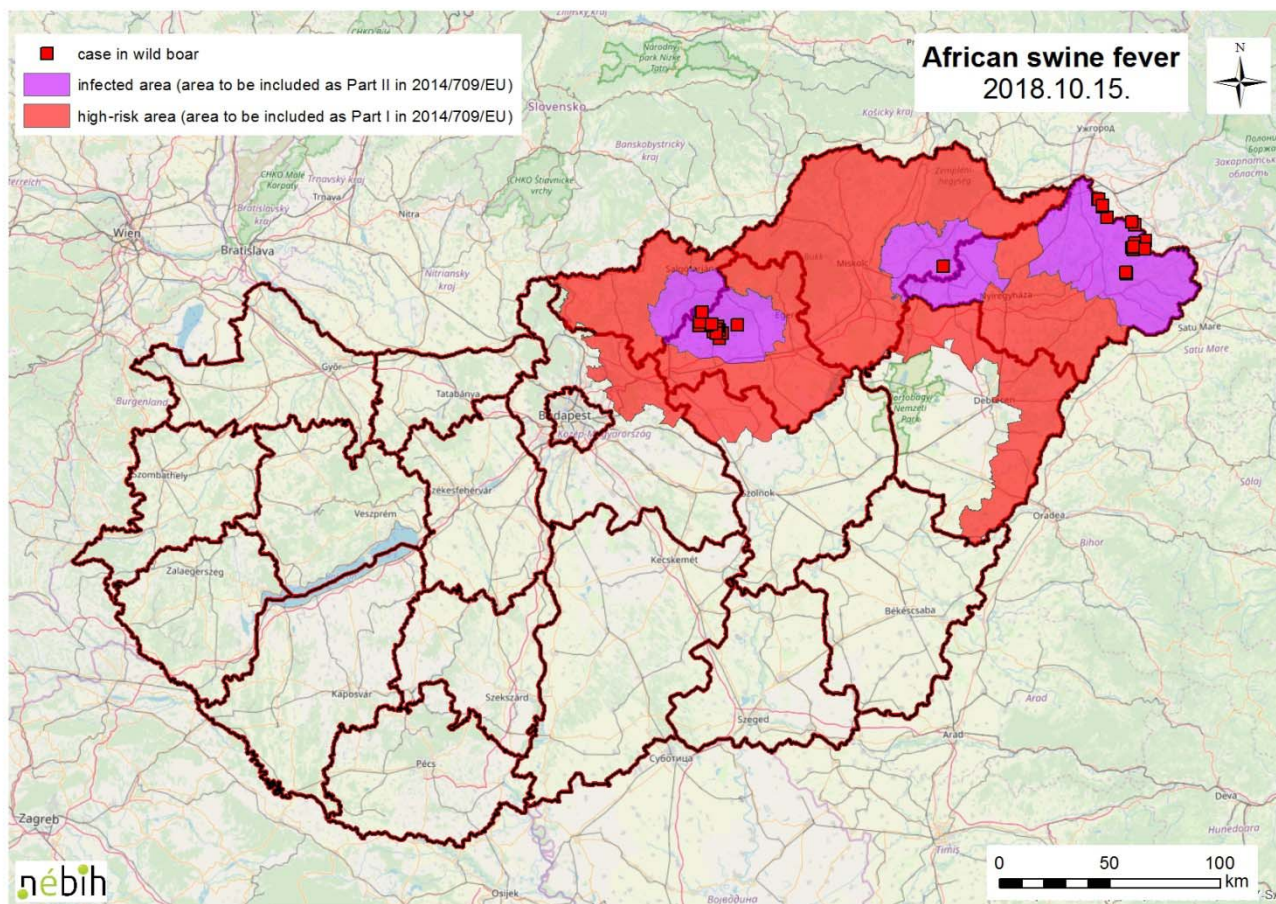
The first ASF case in wild boar in Borsod-Abaúj-Zemplén 3.

- **The temporary infected area** has been set up as a **direct CVO order** and an *exceptionally controlled area* within the infected area (core area and a buffer zone) has also been set up with further measures.
- Both in the infected area, and in the exceptionally controlled area **all the measures have been implemented that are in force in the relevant areas of Heves county and Szabolcs-Szatmár-Bereg county** as described in our presentation held on PAFF Committee meeting on 13-14 June.
- **The Commission Implementing Decision (EU) 2018/1512 contains this new infected area as well as the High Risk Area around it**



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The infected areas and high risk areas in Hungary according to Commission Implementing Decision (EU) 2018/1512



Results – Passive surveillance wild boars

	2017/18				2018/2019 (11 October)			
	Whole country	SZ-SZ-B county	Heves county	BAZ county	Whole country	SZ-SZ-B County	Heves county	BAZ county
Number of wild boars tested with PCR for ASF	341	193	8	12	590	157	147	61
Dead wild boars from it	315	189	8	8	563	154	146	56
Number of positive PCR	0	0	0	0	38	18	20	0

Results – Active surveillance wild boars

	2017/18				2018/2019 (11 October)			
	Whole country	SZ-SZ-B county	Heves county	BAZ county	Whole country	SZ-SZ-B County	Heves county	BAZ county
Number of PCR tests in WB for ASF	7848	2544	219	847	16760	1259	3070	6997
Number of positive PCR	0	0	0	0	1	0	0	1
Number of ELISA tests in WB for ASF	34	2	0	18	-	-	-	-
Number of positive ELISA	0	0	0	0	-	-	-	-



Results – Passive surveillance domestic pigs

	2017				2018 (11 October)			
	Whole country	SZ-SZ-B county	Heves county	BAZ county	Whole country	SZ-SZ-B county	Heves county	BAZ county
Number of PCR for ASF	1012	233	13	61	4005	932	75	172
Number of positive PCR	0	0	0	0	0	0	0	0



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Thank you for your attention!

