

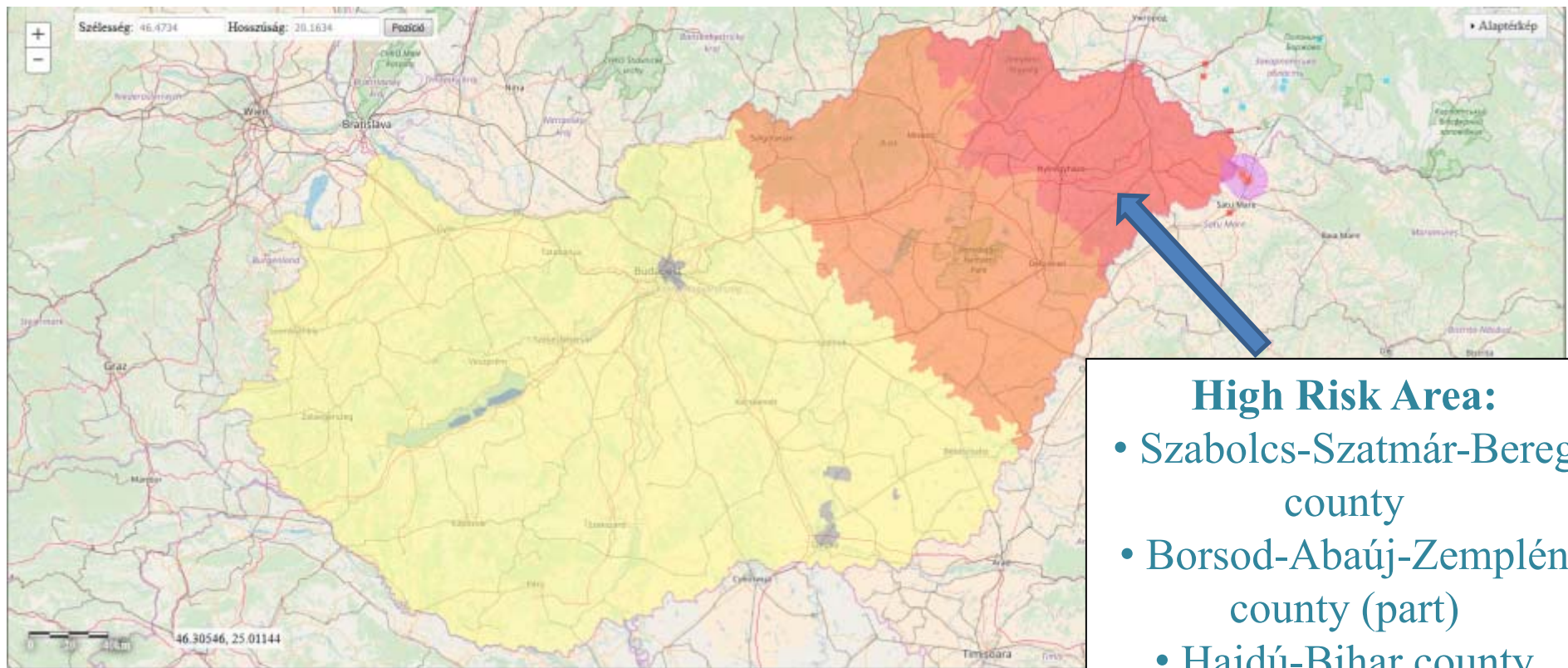


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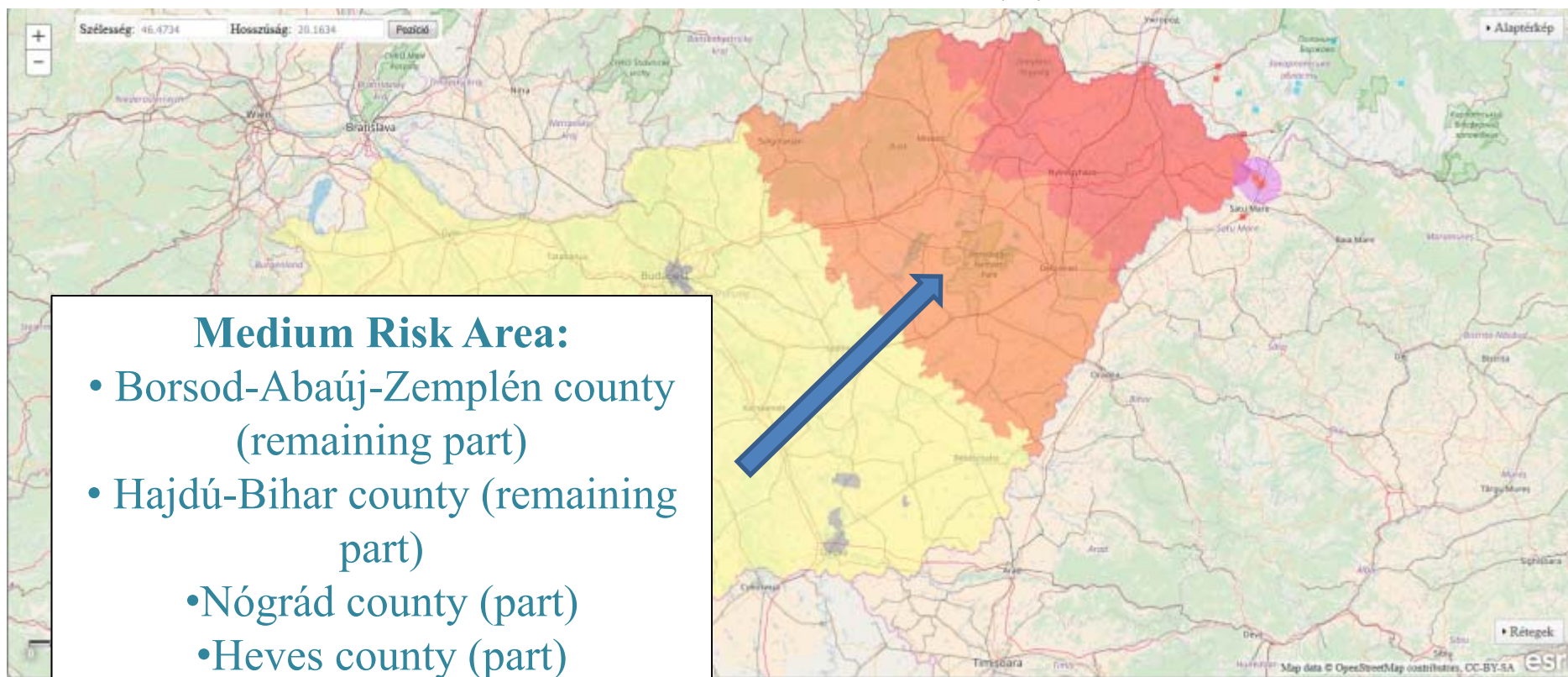
**Short overview of the epidemiological situation,
control and surveillance measures regarding
African swine fever in Hungary**

Meeting of the Standing Committee of Plants, Animals,
Food and Feed
Brussels, 19 September 2018

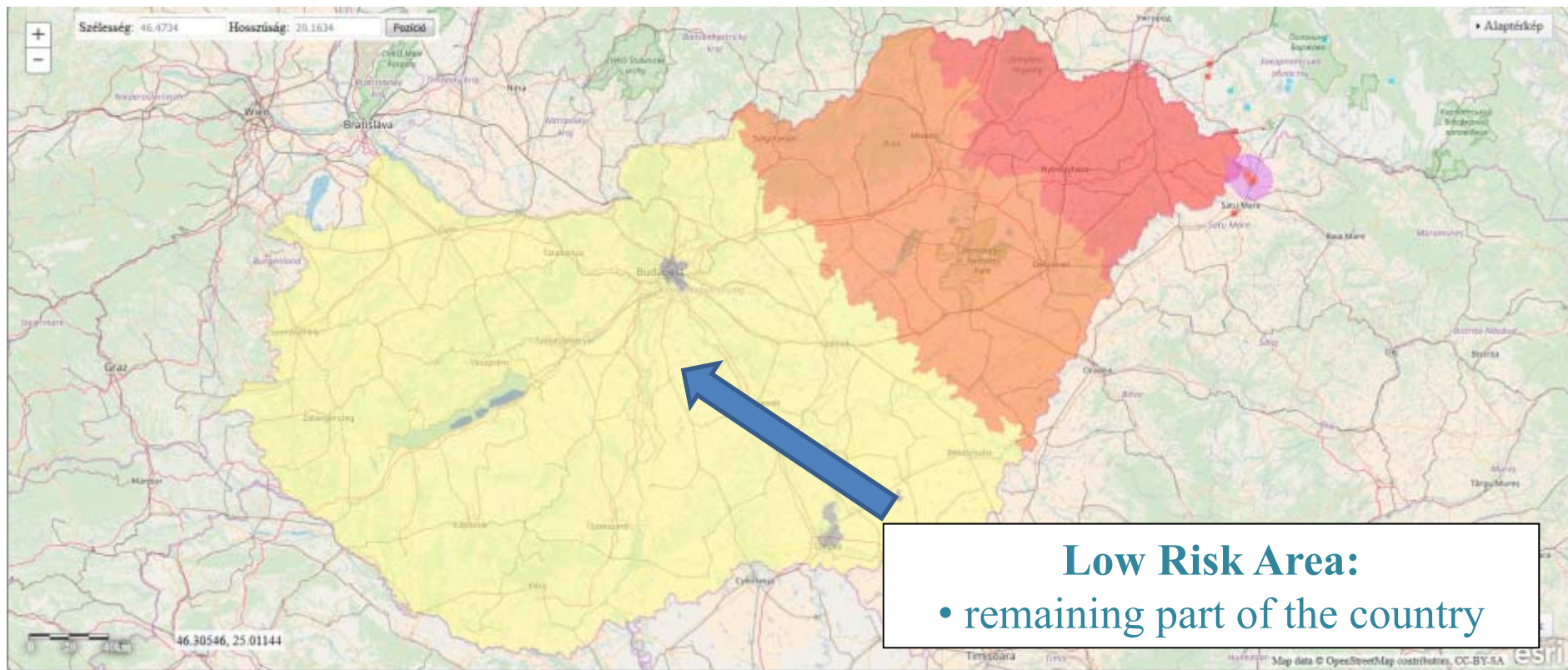
Risk areas before the first ASF case according to CVO Decision 1/2018 (1)



Risk areas before the first ASF case according to CVO Decision 1/2018 (2)



Risk areas before the first ASF case according to CVO Decision 1/2018 (1)





The first ASF case in Hungary in wild boar

- A **dead wild boar** was found around the locality of Gyöngyös (Heves county) on **19 April**.
- Sample was taken and sent to the NRL (Veterinary Diagnostic Directorate of National Food Chain Safety Office, Budapest)
- **ASF virus presence was confirmed on 21 April by PCR test**
- **National Disease Control Centre (NDCC)** was set up on 23 April.
- Possible source of the infection was **waste from pork product illegally imported by workers from Ukraine**



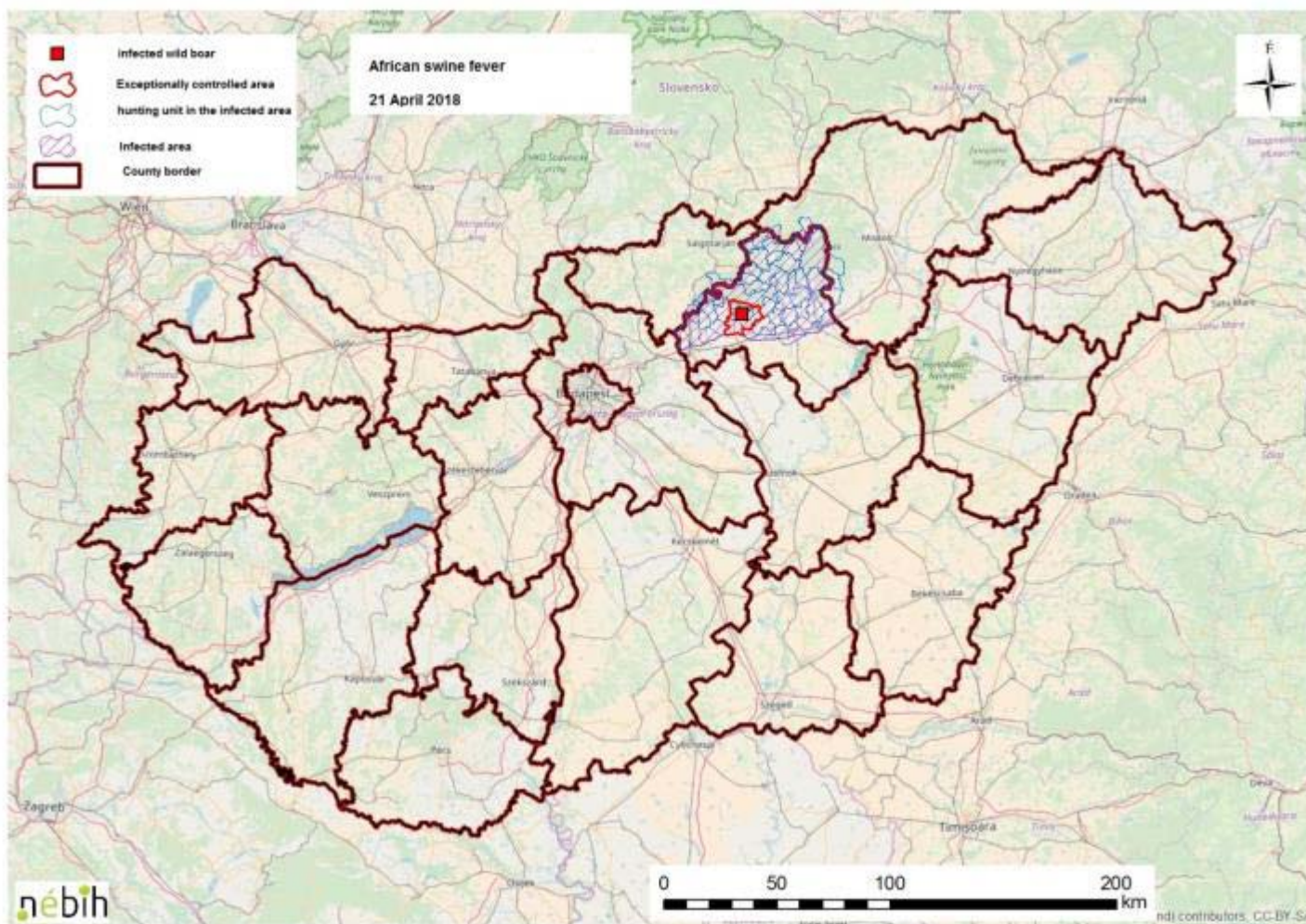
The first ASF case in Hungary in wild boar 2.

- The **temporary infected area** was set up as a direct CVO order as the part of Heves county north from the M3 motorway (E71) in accordance with Council Directive 2002/60/EC.
- An **exceptionally controlled area** within the infected area was also set up with further measures (later a 5 km wide buffer zone around exceptionally controlled area was determined)
- On 4 June 2018 **Commission Implementing Decision (EU) 2018/834** listed the the **current infected area** in Heves county (**Part II** in the Annex of the implementing decision 2014/709/EU) and the **high risk area** around the infected area in Heves county (**Part I** in the Annex of the implementing decision 2014/709/EU)



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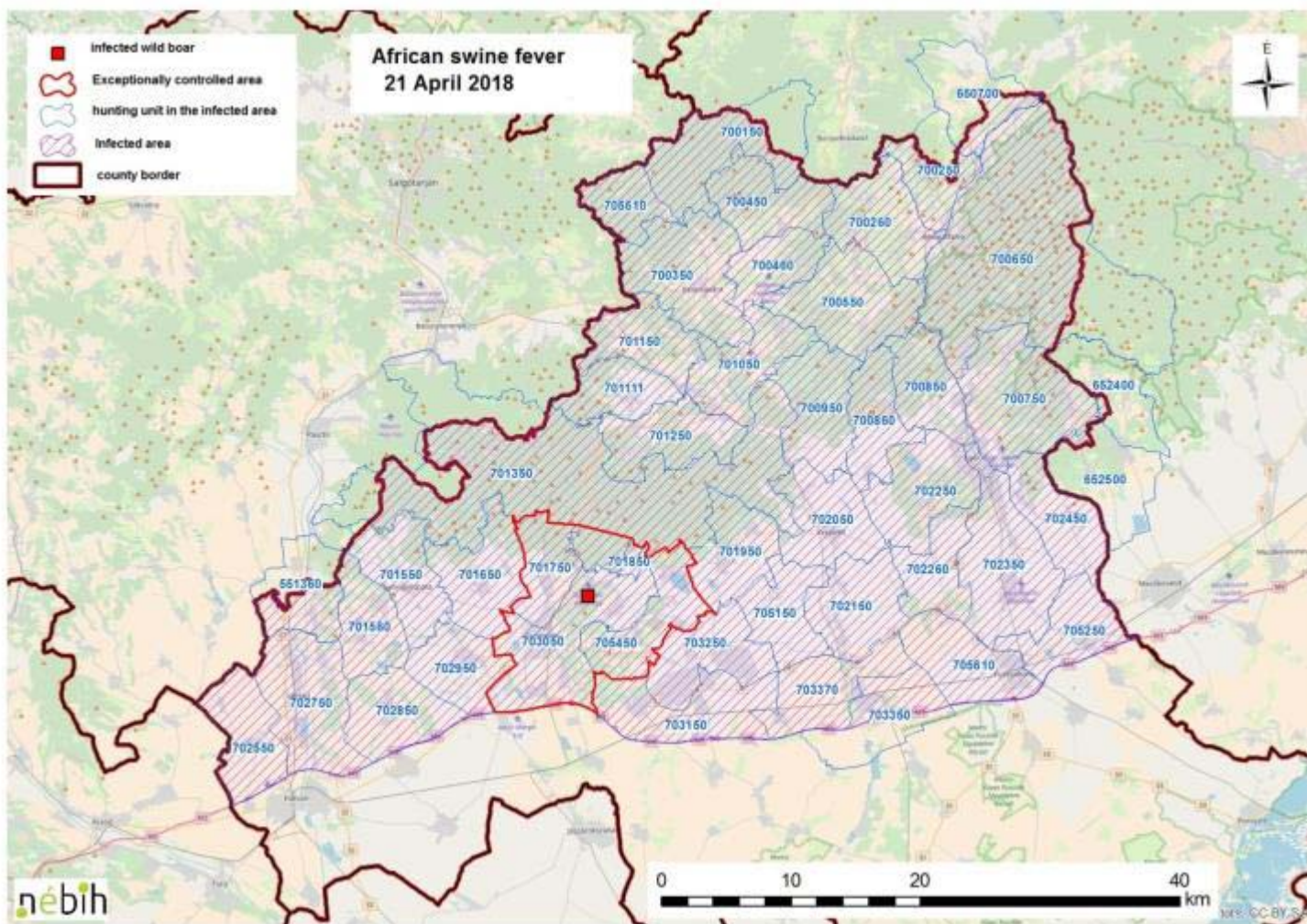
The first ASF case in Hungary in wild boar 3.





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The first ASF case in Hungary in wild boar 4.





Further cases in dead wild boars in Heves county

- Case 2: 29 April, female, 2-3 years old, Mátrafüred
- Cases 3-5: 1 May , 2 females, 1 and 2 years old, 1 male, 1 year old, Pálosvörösmart
- Case 6: 3 May, female, 1 year old, Gyöngyös
- Case 7: 8 May, male, 2 years old, Gyöngyössolymos
- Case 8: 18 May, female, 3 years old, Gyöngyös
- Case 9: 1 June, female, 3 years old, Gyöngyössolymos
- Case 10: 14 June, female, 1 year old, Domoszló





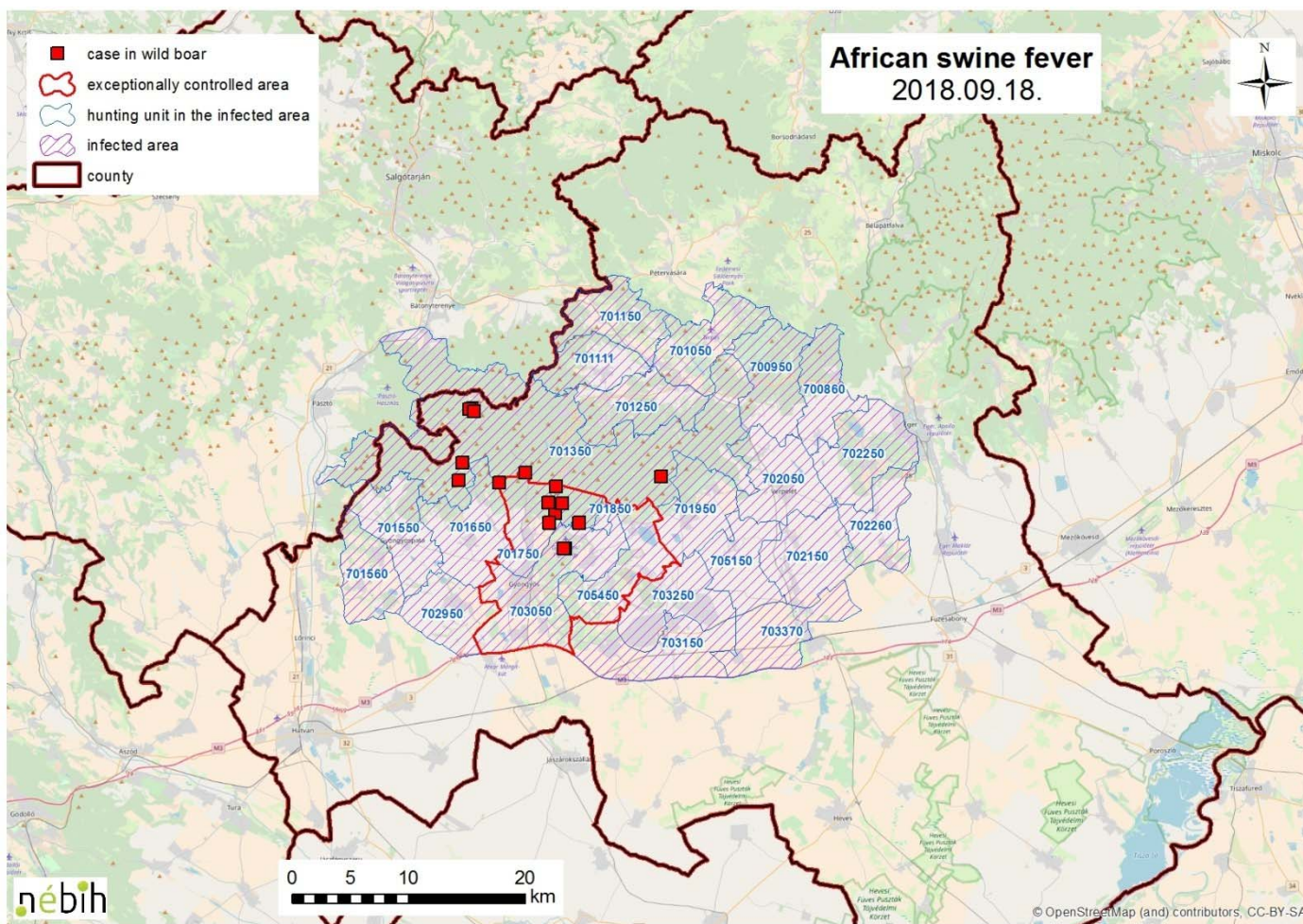
Further cases in wild boars in Heves county (dead ones and one diagnostically shot one)

- Case 11: 15 June, female, 4 months old, Gyöngyössolymos
- Case 12: 24 June, male, 4 months old, Gyöngyöstarján,
- Case 13: 5 July, male, 6 years old, Gyöngyössolymos
- Case 14: 17 July, female, 3 years old, Gyöngyösoroszi
- Case 15: 3 August, female 4 years old, Mátraszentimre
- Case 16: 15 August, female, 2 years old, Mátraszentimre
- Case 17: 19 August, male, 6 month old, Mátraszentrimre
- Case 18: 27 August, female, 2 years old, Gyöngyös,
**diagnostically shot due to
clinical signs**





Further cases in dead wild boars in Heves county 3.





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

- A **dead wild boar** was found around the locality of Tizsakerecseny, only around 1 km from the Ukrainian border on 14th May.
- Sample was taken and sent to the National Reference Laboratory and ASF virus was confirmed on **16th May by PCR** test.
- Virus isolation positive on 24th May and the sequencing showed **100% identity with Heves county isolates**
- Source of the infection
 - Distance to the infected neighbouring regions in Ukraine
 - Spring migration of wild boar
 - *Natural spread is most likely*



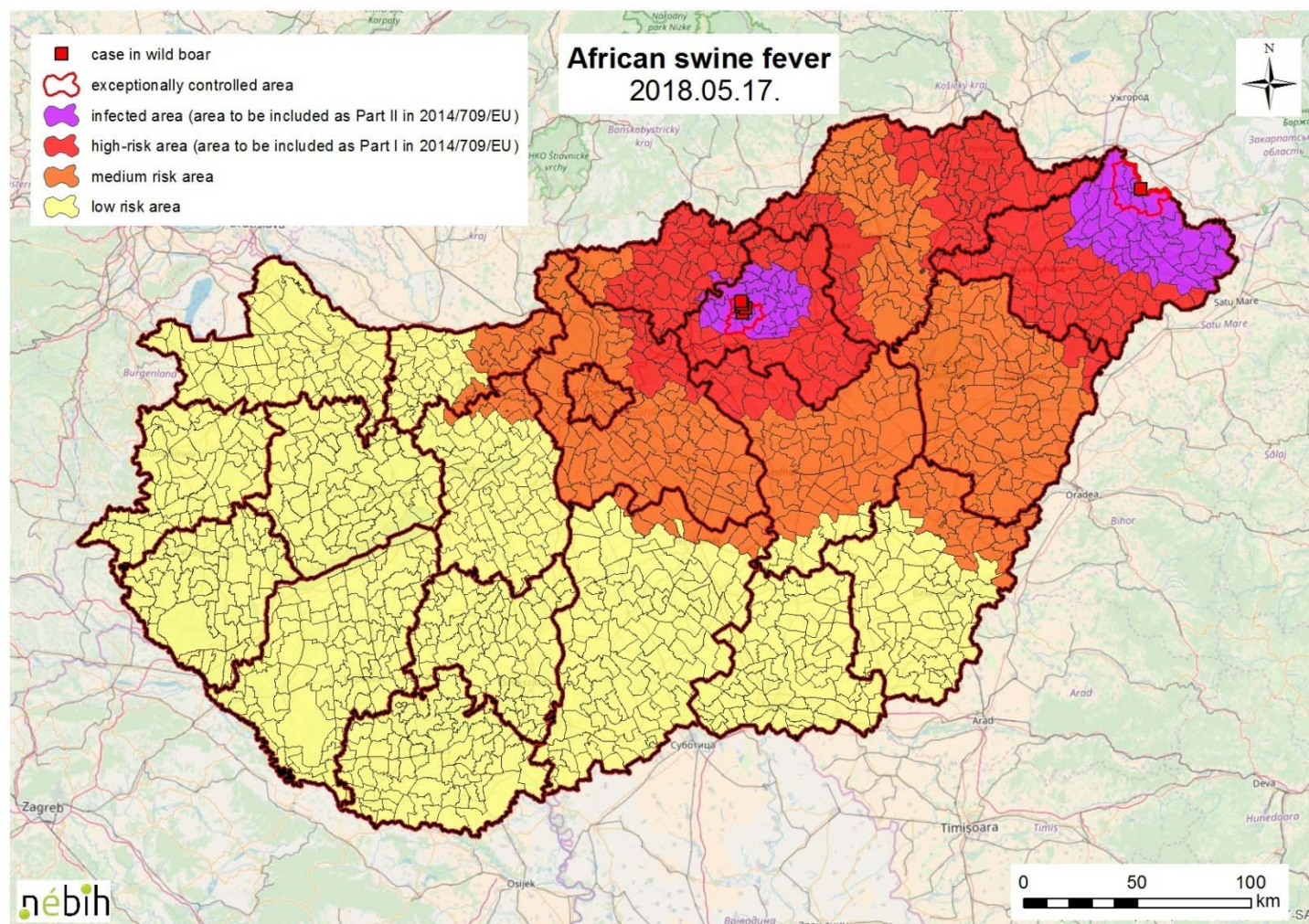
First ASF case in Szabolcs-Szatmár-Bereg county, in wild boar 2.

- The *infected area* has been set up according to the CVO order as the area which was previously identified as high risk (45 hunting units)
- An *exceptionally controlled area* within the infected area has also been set up (originally 6 after 23 May 9 hunting units)
- A buffer zone around the exceptionally controlled area and within the infected has been set up as well (originaly 8 and after 23 May 10 hunting units)



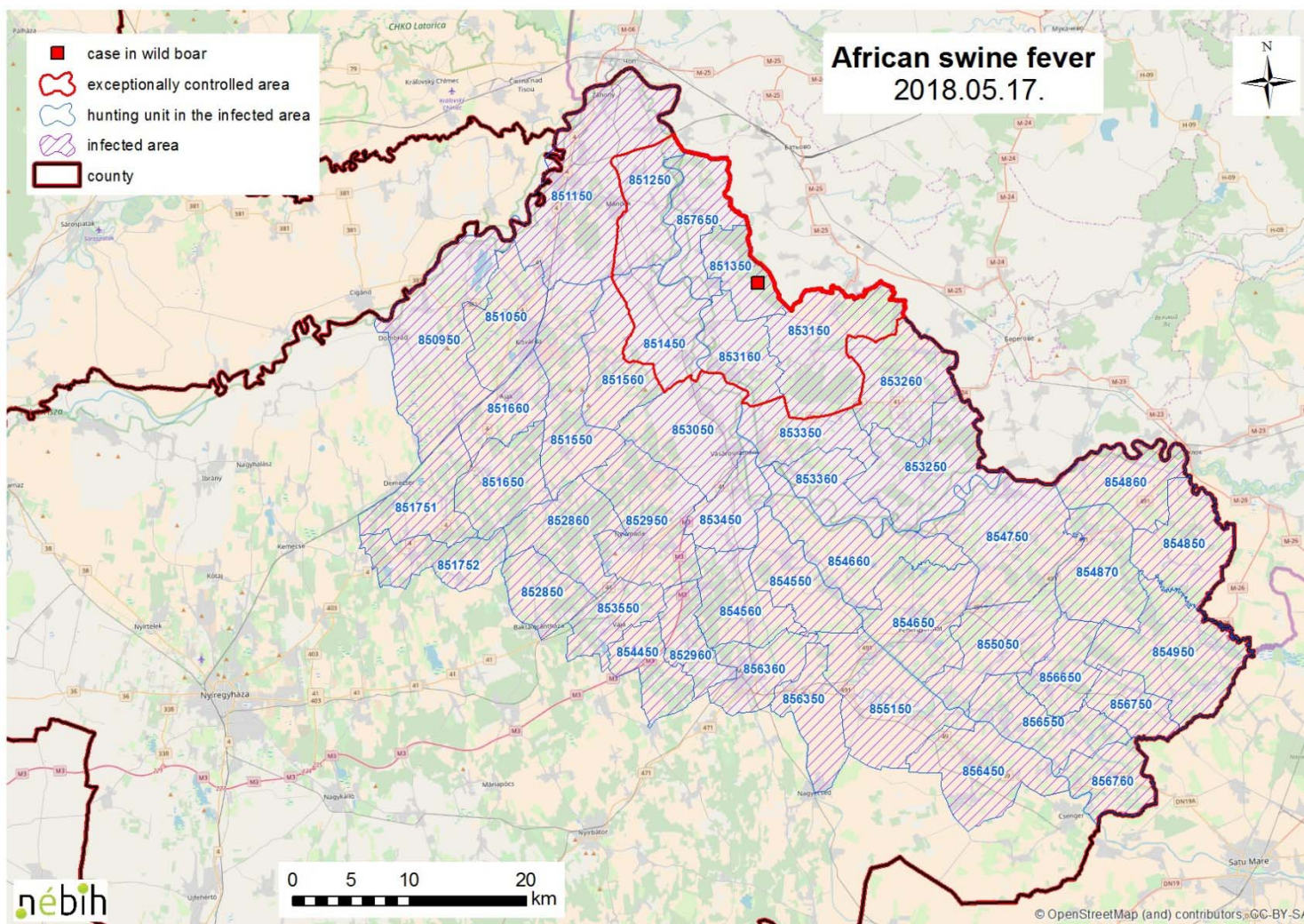
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First ASF case in Szabolcs-Szatmár-Bereg county, in wild boar 3.





First ASF case in Szabolcs-Szatmár-Bereg county, in wild boar 4.





Further cases in dead wild boar in Szabolcs-Szatmár-Bereg county

- Cases 2-3: 23 May, two, 3 years old females, Beregdaróc
- Case 4: 1 June, 10 months old, Beregsurány
- Cases 5: 1 June, 1 years old male, Lónya
- Case 6: 1 June, 2 years old male, Lónya
- Case 7: 1 June, 2 years old female, Márokpapi
- Case 8: 1 June, 2 years old female, Barabás
- Case 9: 10 June, 2 years old female, Tarpa
- Case 10: 10 June, 2 years old male, Tarpa





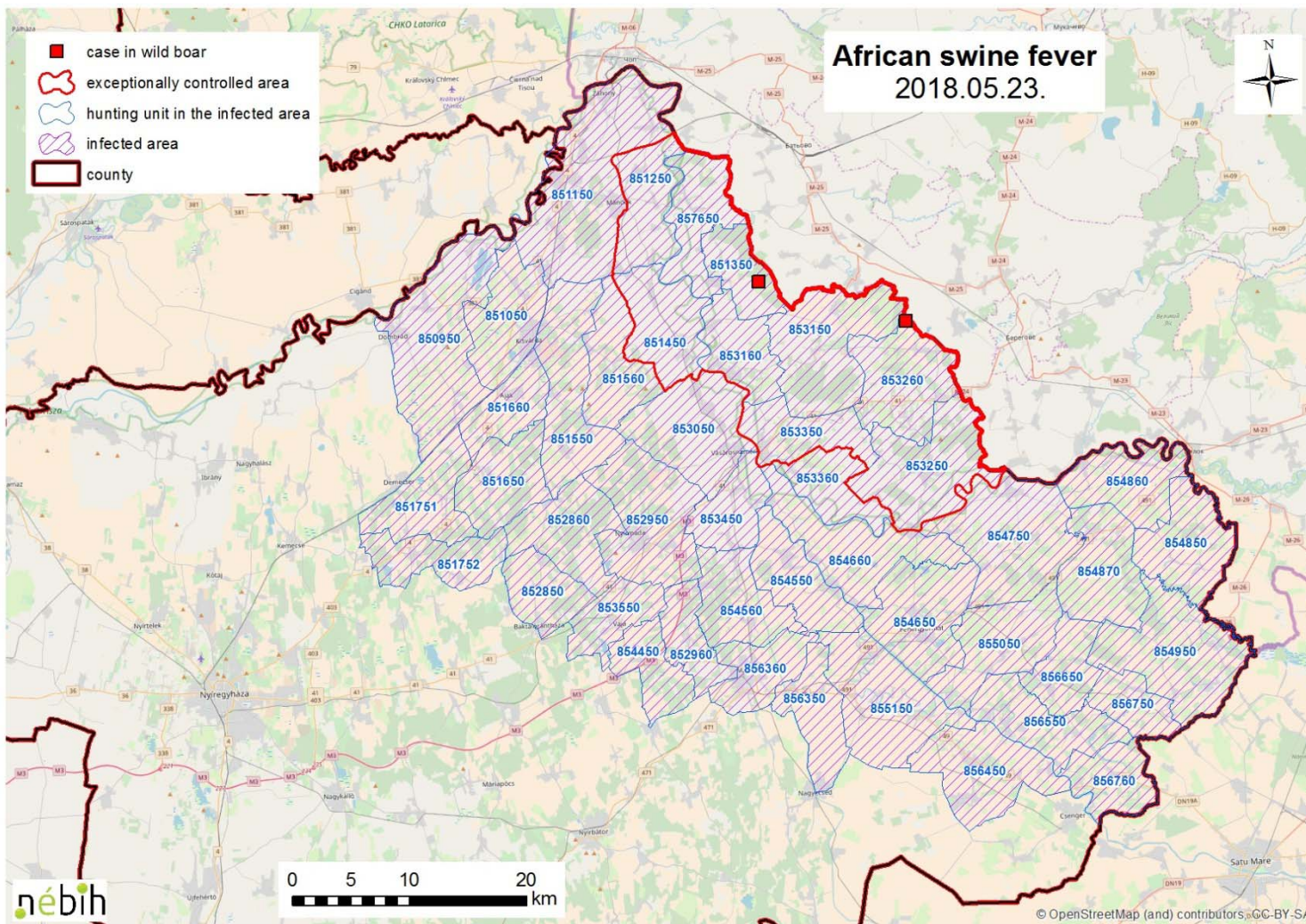
Further cases in dead wild boar in Szabolcs-Szatmár-Bereg county 2.

- Case 11: 10 June 1 year old male, Tarpa
- Case 12: 10 June, 2 months old male, Tarpa
- Case 13: 12 June, 3 years old male, Tarpa
- Case 14: 25 July, 2 years old female, Lónya
- Case 15: 25 July, 1 years old male, Lónya
- Case 16: 25 July, 3 years old female, Márokpapi
- Case 17: 2 August, 5 months old male, Nábrád
- Case: 18: 8 August, 4 months old male, Nábrád



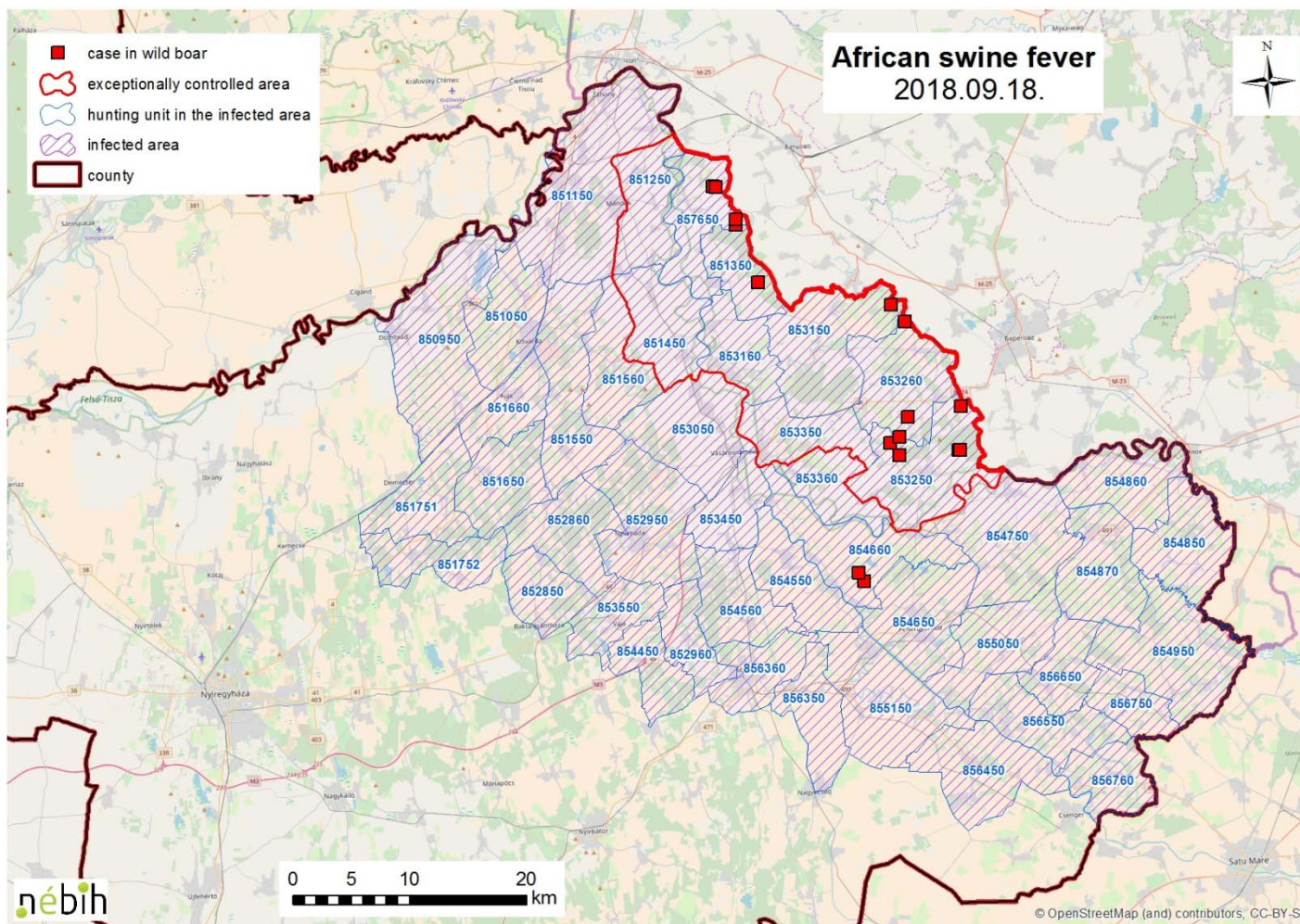


Further cases in dead wild boar in Szabolcs-Szatmár- Bereg county 2.





Further cases in dead wild boar in Szabolcs-Szatmár- Bereg county 3.





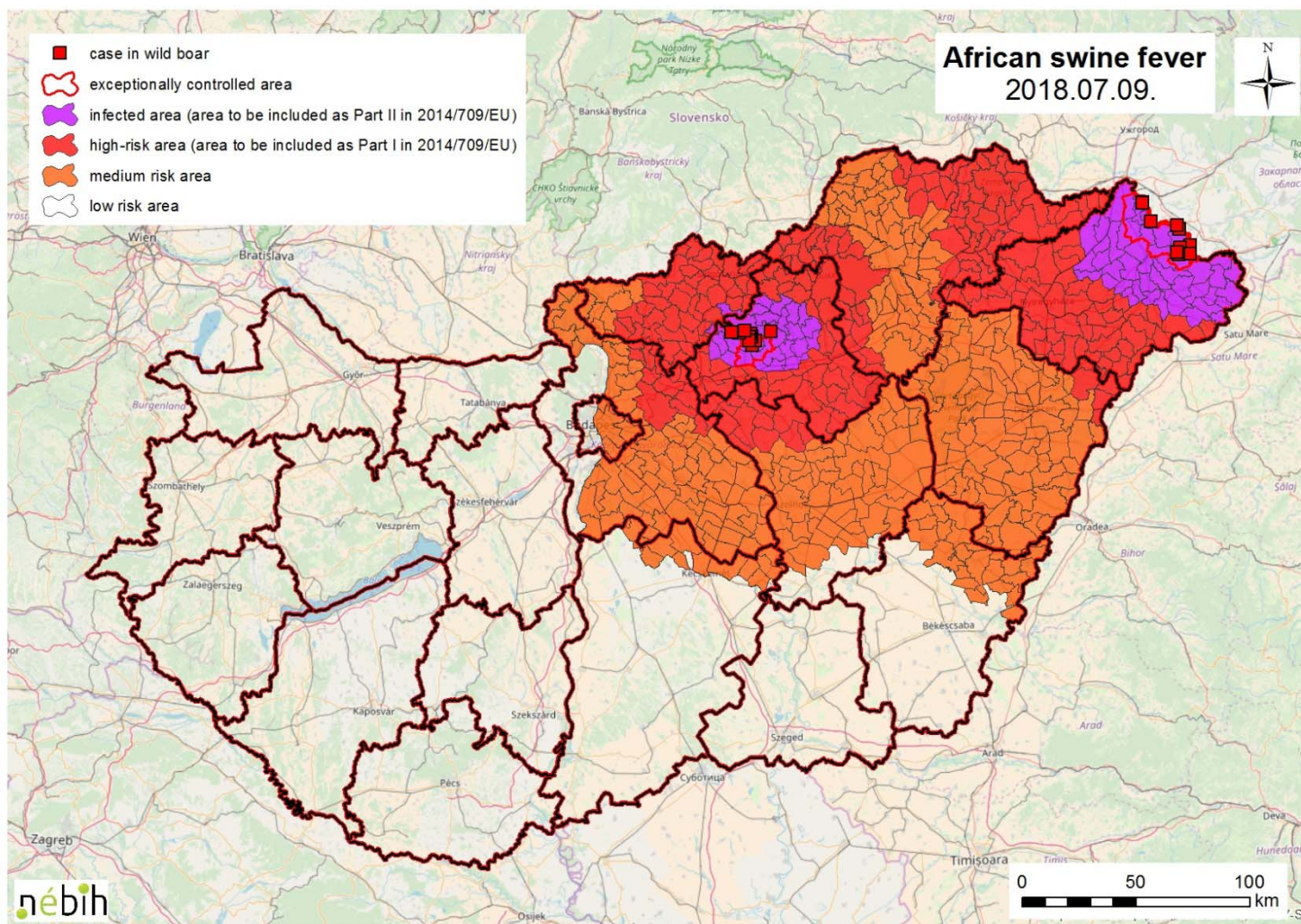
The current ASF risk areas in Hungary

- **Decision No. 2/2018. of the Chief Veterinary Officer** about the ASF surveillance programme published in the Official Journal of Ministry of Agriculture on 12 June 2018, pages 170-207. *It replaces the Decision No. 1/2018. of the Chief Veterinary Officer.* The most important change is the new list of areas classified under the different risk categories according to the epidemiological situation
- On 18 June 2018 **Commission Implementing Decision (EU) 2018/883** listed the the **current infected area** in Heves county and Szabolcs-Szatmár-Bereg county (**Part II** in the Annex of the implementing decision 2014/709/EU) and the **high risk area** around the infected area in Heves and Szabolcs-Szatmár-Bereg counties (**Part I** in the Annex of the implementing decision 2014/709/EU)



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ASF risk categories in Hungary according to Decision No. 2/2018. of the CVO



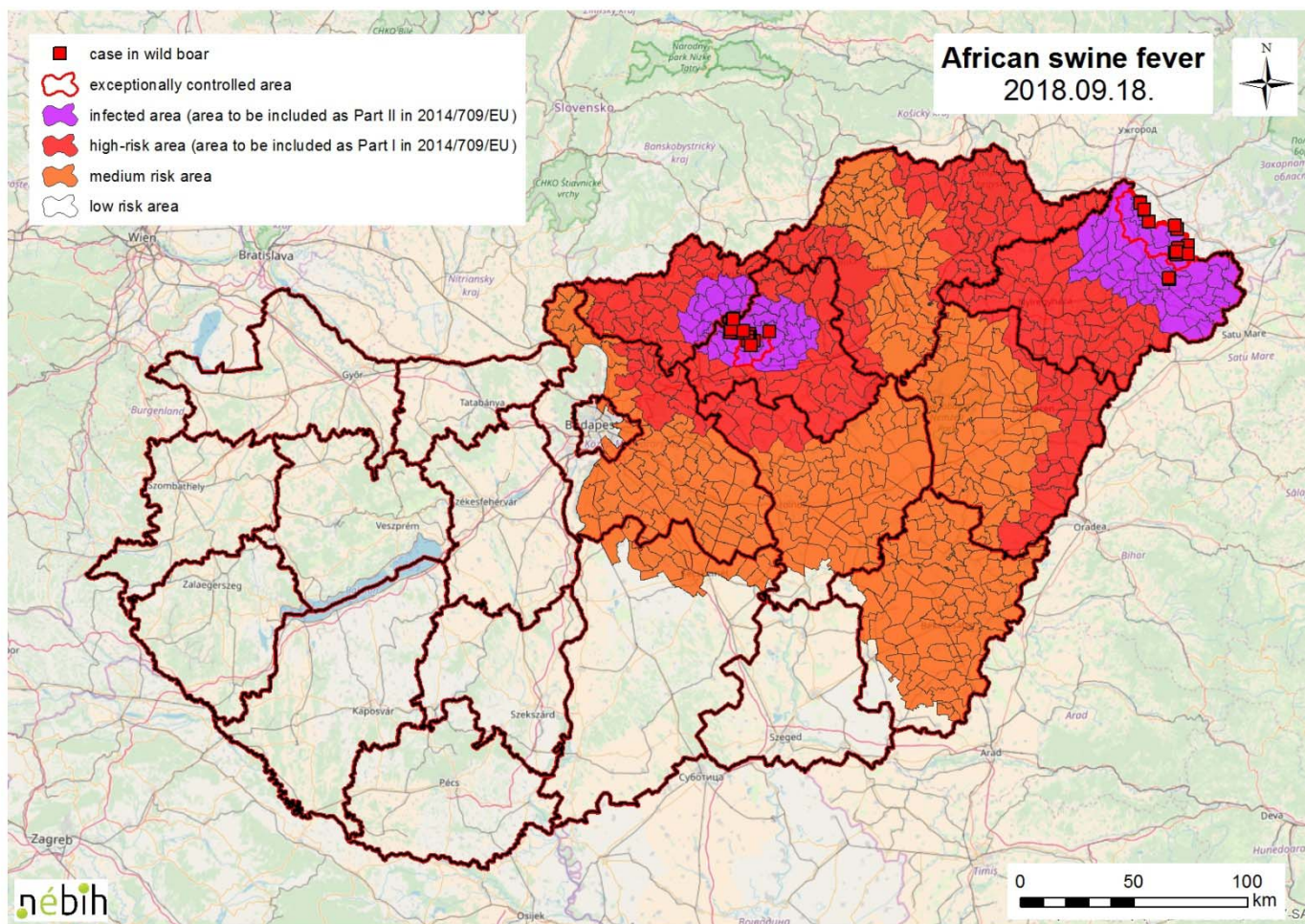


The changes of ASF risk areas in Hungary

- According to the **risk analysis carried out in August 2018** a new **CVO decision will be issued soon**, the **Decision No. 3/2018.** of the Chief Veterinary Officer.
- The **infected area** ordered due to the cases in **Heves county** will be **increased with 16 hunting units in Nógrád county near to Heves county**
- The **infected area in Szabolcs-Szatmár-Bereg county** will be **increased with 3 hunting units** near to the Romanian border.
- The **High Risk Area in Hajdú-Bihar-County** will be increased with **24 hunting units near to the Romanian border**



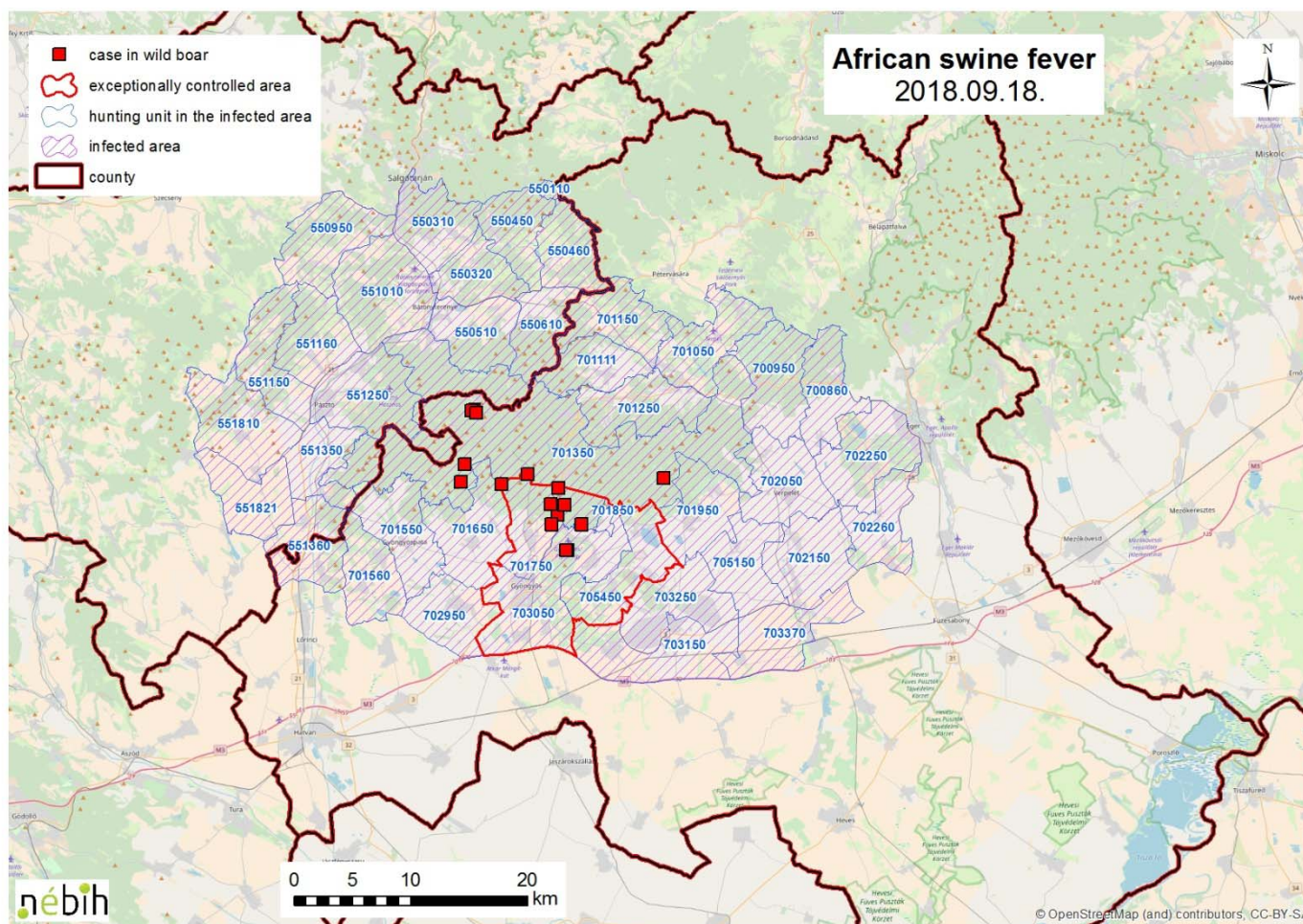
ASF risk categories in Hungary after Decision No. 3/2018. of the CVO





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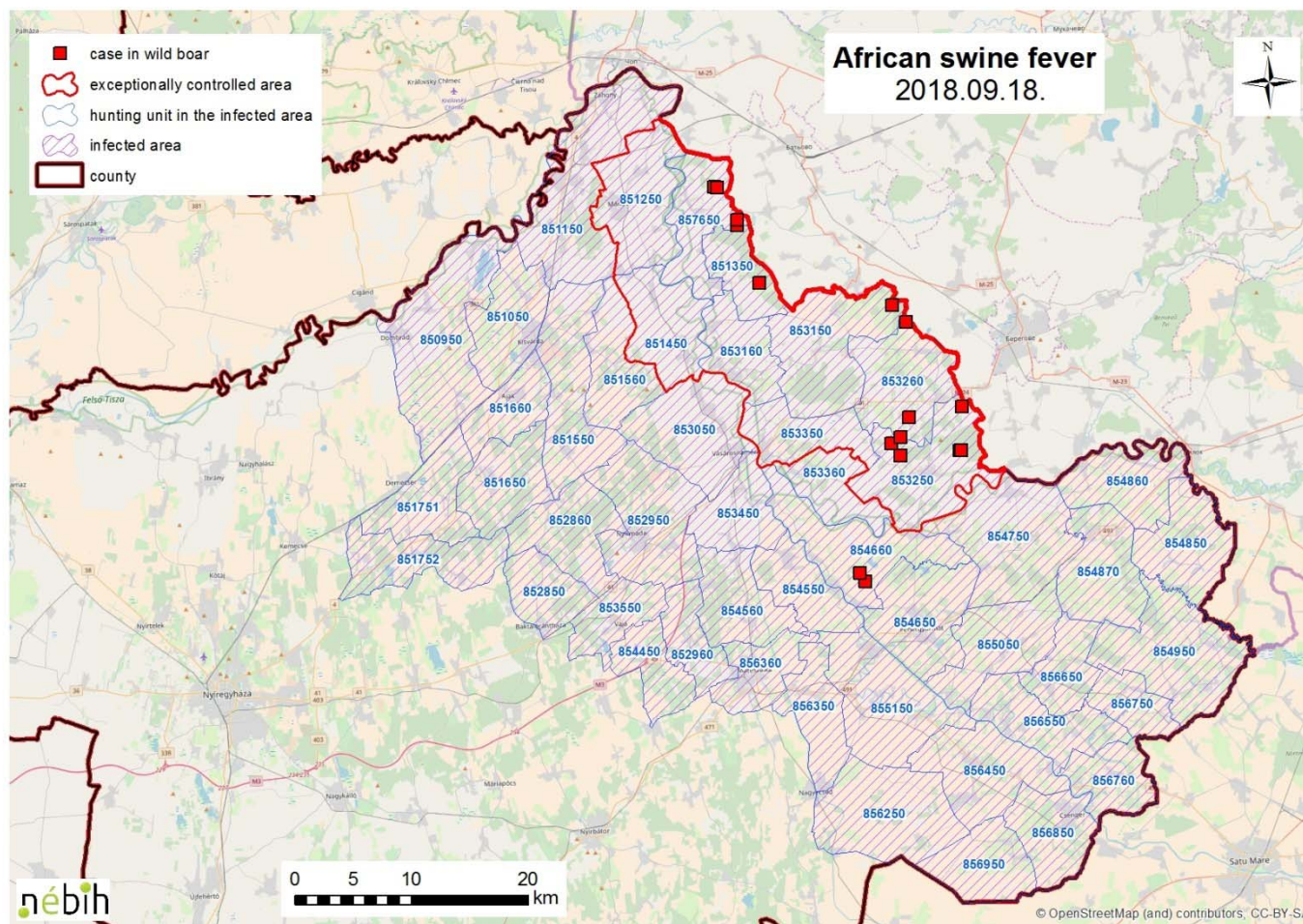
Infected area due to the ASF cases in Heves county after Decision No. 3/2018. of the CVO





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Infected area in Szabolcs-Szatmár-Bereg county after Decision No. 3/2018. of the CVO



Results – Passive surveillance wild boars

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	2016/17			2017/18			2018/2019 (15 September)		
	Whole country	SZ-SZ-B county	Heves county	Whole country	SZ-SZ-B County	Heves county	Whole country	SZ-SZ-B County	Heves county
Number of wild boars tested with PCR for ASF	64	3	1	341	193	8	529	152	135
Dead wild boars from it	54	3	1	315	189	8	505	149	134
Number of positive PCR	0	0	0	0	0	0	36	18	18

Results – Active surveillance wild boars

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	2016/17			2017/18			2018/2019 (15 September)		
	Whole country	SZ-SZ-B county	Heves county	Whole country	SZ-SZ-B County	Heves county	Whole country	SZ-SZ-B County	Heves county
Number of PCR tests in WB for ASF	8949	739	374	7848	2544	219	14818	1091	2719
Number of positive PCR	0	0	0	0	0	0	0	0	0
Number of ELISA tests in WB for ASF	8877	661	378	34	2	0	-	-	-
Number of positive ELISA	0	0	0	0	0	0	-	-	-



Results – Passive surveillance domestic pigs

	2016			2017			2018 (15 September)		
	Whole country	SZ-SZ-B county	Heves county	Whole country	SZ-SZ-B county	Heves county	Whole country	SZ-SZ-B county	Heves county
Number of PCR for ASF	623	125	21	1012	233	13	3499	827	66
Number of positive PCR	0	0	0	0	0	0	0	0	0



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Thank you for your attention!

