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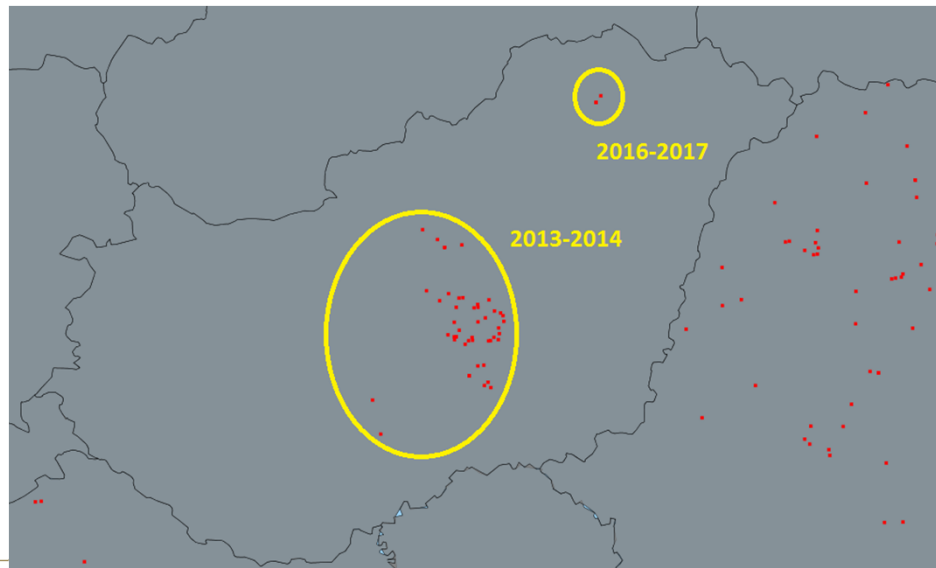
**RABIES ERADICATION
PROGRAMME IMPLEMENTED IN
IN HUNGARY
2018**

Meeting of the Standing Committee of Plants, Animals, Food and Feed
Brussels, 25 October 2019



Rabies situation - 2015-2019

- 2015 - no rabies cases in Hungary
- 2016 - 1 red fox (Borsod-Abaúj-Zemplén county)
- 2017 - 1 red fox and 2 goats from the same farm (Borsod-Abaúj-Zemplén county)
- 2018 - no rabies cases in Hungary (EBLV in bats)
- 2019 - no rabies cases in Hungary



Virus strain isolated in 2016&2017 was different from the 2013-2014 strain



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Rabies surveillance

Type of test	Number of FAT tests performed HUNGARY	<i>Number of FAT tests performed B-A-Z county</i>	Number of positive samples
2018 active surv. (fox, immunisation area)	1413	<i>243</i>	0
2018 active surv. (jackal, immunisation area)	71	<i>6</i>	0
2018 passive surv. (wild animals, whole country)	413	<i>54</i>	0
2018 passive surv. (domestic animals, whole country)	598	<i>43</i>	0
2018 passive surv. (bats, whole country)	18	<i>0</i>	1

Oral immunisation programme

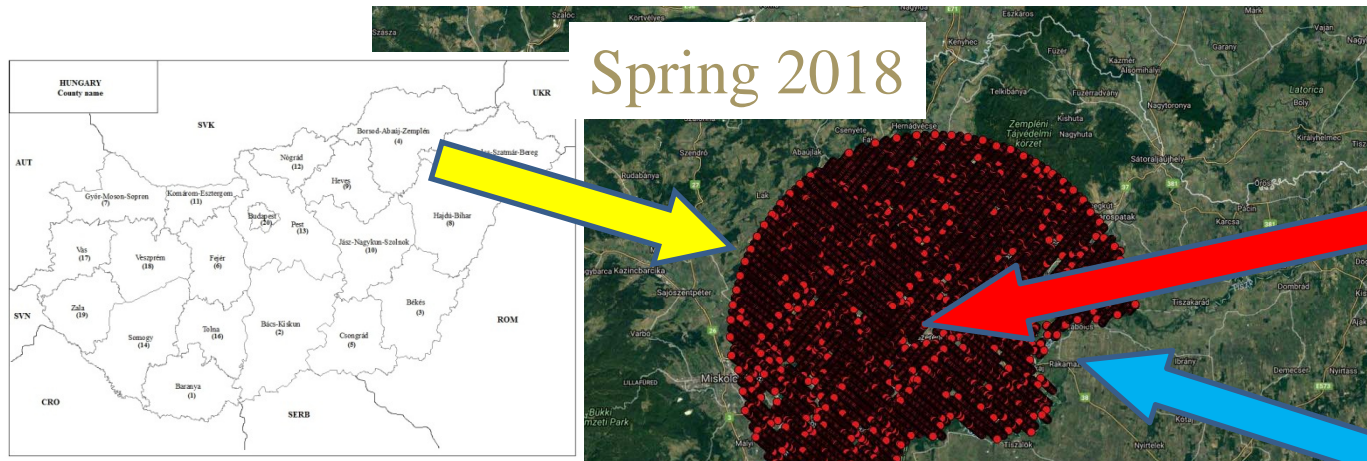
Campaigns	Area (km ²)	Bait density	Number of baits distributed	Comments
Spring (April 2018)	2 240	20 baits/km ²	44 800 (Lysvulpen)	Only ERV in the area of the 2016 and 2017 cases (unsuccessful public tender for the whole area because of unexpectedly high vaccine price)
Autumn (September-October 2018)	41 970	20 baits/km ²	839 400 (Lysvulpen)	Successful public tender for the 2018 autumn campaign



Oral immunisation programme



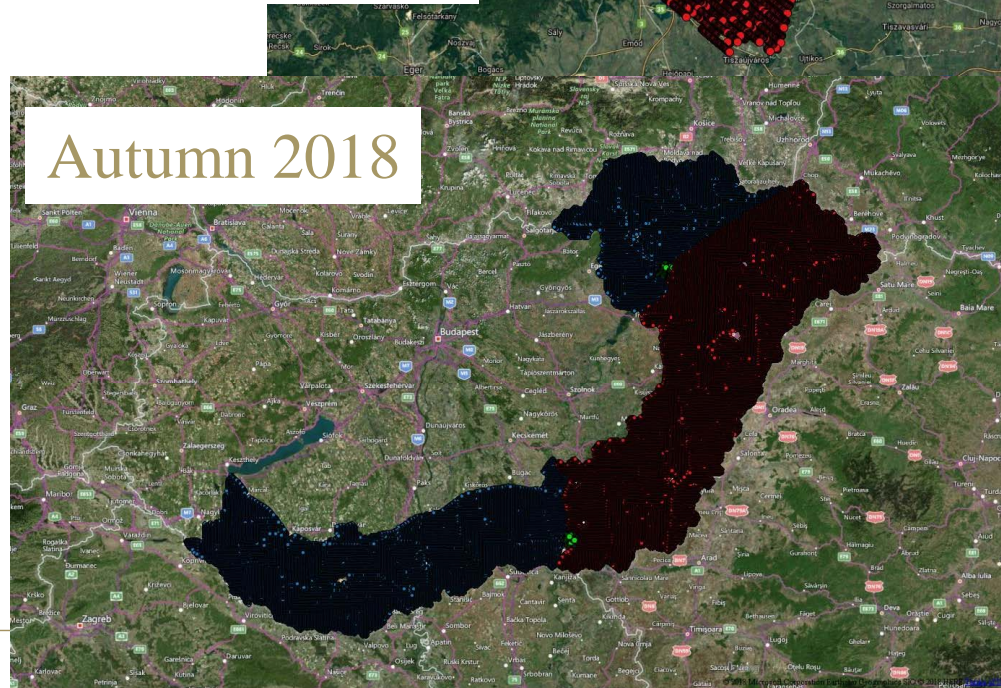
Oral immunisation programme



Spring 2018

Rabies cases
2016-2017
+30 km radius

River Tisza



Autumn 2018



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Results 2018/2019 hunting year – fox

Type of test	Type of sample	Number of tests performed	Number of positive samples
Virological test Immunfluorescence test (FAT)	Brain (red fox)	898	0 (0,00%)
Bone polishing (Tetracycline detection)	Mandible (red fox)	894	686 (76,73%)
Serological test AB-ELISA	Blood (red fox)	563	212 (37,66%)



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Age distribution (fox)

Tetracycline, fox	Nr of samples	Positive	Positive%
Juvenile	660	470	71,21
Adult	234	216	92,31
Total	894	686	76,73

ELISA, fox	Nr of samples	Positive	Positive%
Juvenile	408	152	37,25
Adult	155	60	38,71
Total	563	212	37,66



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Results 2018/2019 hunting year – jackal

Type of test	Type of sample	Number of tests performed	Number of positive samples
Virological test Immunofluorescence test (FAT)	Brain (jackal)	61	0 (0,00%)
Bone polishing (Tetracycline detection)	Mandible (jackal)	61	41 (67,21%)
Serological test AB-ELISA	Blood (jackal)	43	17 (39,53%)



Oral vaccination programme in Ukraine

- The Agreement between Hungary and Ukraine was signed by the HU party in May 2018.
 - The buffer zone in Ukraine covers districts in Zakarpattia Oblast (7.600 km²) and Ivano-Frankivska Oblast (2.600 km²)
 - In spite of a lot of efforts of the State Service of Ukraine on Food Safety and Consumer Protection (SSUFSCP) to implement the programme, no rabies oral vaccination campaign could be performed in the buffer zone in 2018.
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The way ahead & challenges

- 2 successful campaigns in 2019
 - Possibility to extend public contracts for 2020
 - Future: only 1 vaccine offered in the recent tenders...
 - Need for long term vaccination programme in the UA buffer zone
 - Maintain & improve passive surveillance: awareness campaigns (homepage, TV-spot, leaflets, hotline)
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Awareness

The screenshot shows a web browser window with the URL <https://intra.nebih.gov.hu/> and a tab titled "Veszettsegmentesítési prog...". The browser address bar shows www.veszettsegmentesites.hu. The website header features a red fox logo and the text "nébih Veszettsegmentesítési program" with the phone number "Ne habozz! 06 80 263 244". The main content area is set against a background of stylized green and blue trees. It contains six light blue boxes with white text and arrows:

- A VESZETTSÉG JÁRVÁNYTANA**
 - ▶ Előfordulás, magyarországi járványtani helyzet
 - ▶ Kórokozó, kórfejlődés
- A VESZETTSÉG KÖZEGÉSZSÉGÜGYI VONATKOZÁSAI**
 - ▶ Mit tegyek, ha egy kutya, macska vagy egyéb állat megharapott?
 - ▶ Háziállatok veszetség elleni védőoltása
- A VESZETTSÉG TÜNETEI**
 - ▶ Róka
 - ▶ Egyéb vadállat
 - ▶ Háziállatok
 - ▶ Denevér
- RÓKÁK VESZETTSÉG ELLENI IMMUNIZÁLÁSI PROGRAMJA MAGYARORSZÁGON** >
- MIT TEGYEK, HA RÓKÁT LÁTTAM A LAKÓKÖRNYEZETEMBEN?** >
- GYAKRAN ISMÉLT KÉRDÉSEK** >

At the bottom of the page, there is a white checkmark icon and the text "A veszettsegmentesítési program".

veszettsegmentesites.hu

**Thank you for your
attention!**

