



GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



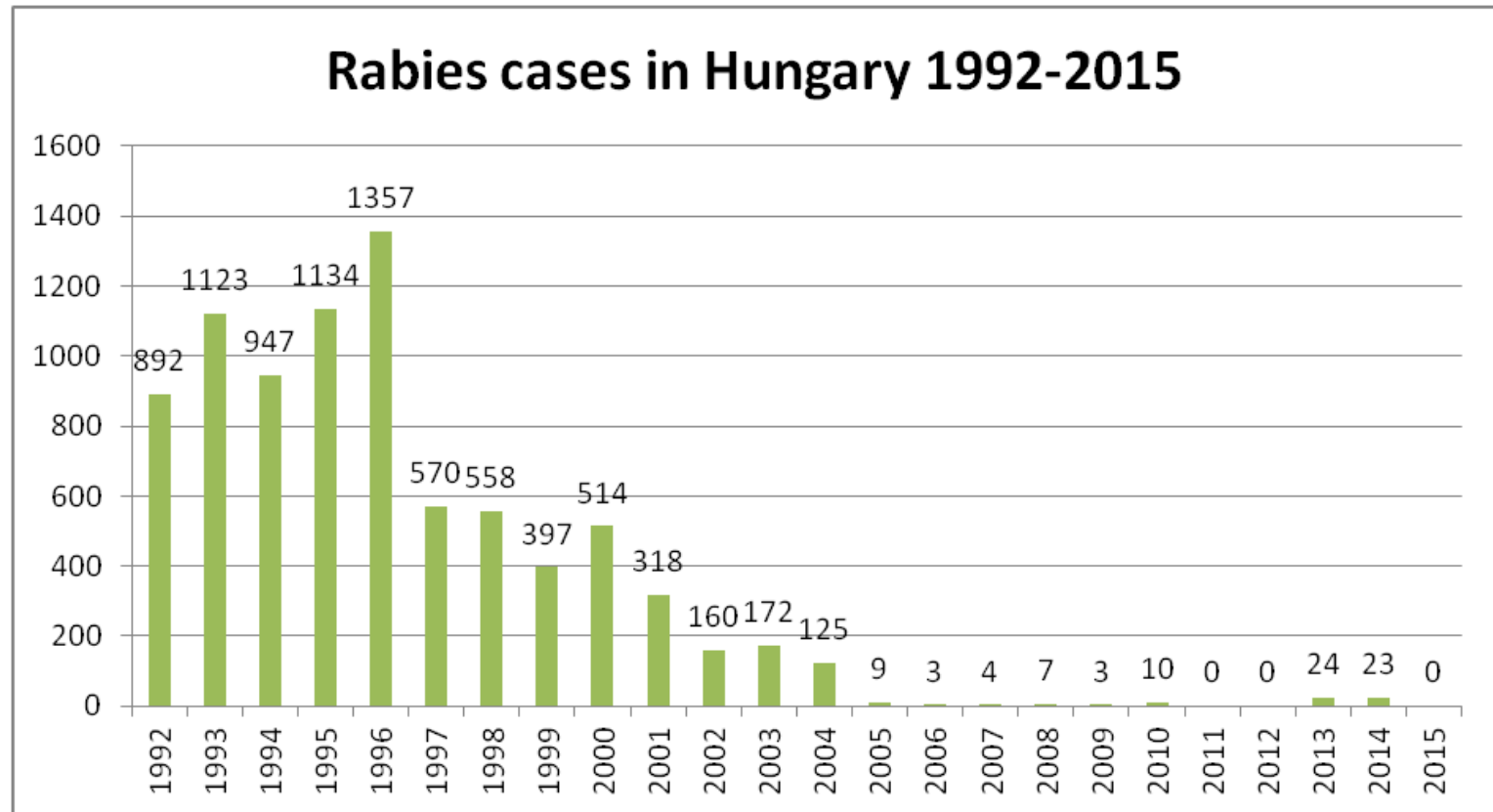
**Standing Group of Experts on Rabies
in Europe**
under the GF-TADs umbrella

1st meeting (SGE RAB1)
Brussels, 13 February 2019

Report by Hungary

Dr. Melinda Kocsis

Rabies epidemiology – evolution until 2015



Rabies epidemiology – evolution since 2016

	2016*	2017	2018	2019
Total number of indigenous cases*	1	2	0	0
Species / number of cases	- Fox: 1	- Fox: 1 - Goat: 2	NA	NA
Number of cases < 50 km from a neighbouring country (please detail)	SK border within 40 km (no rabies cases reported in SK since September 2015), UA border within 70 km (rabies present in Zakarpattya region)	Only few kilometres away from the 2016 fox case	0	0

* ***No rabies case in Hungary in 2015***



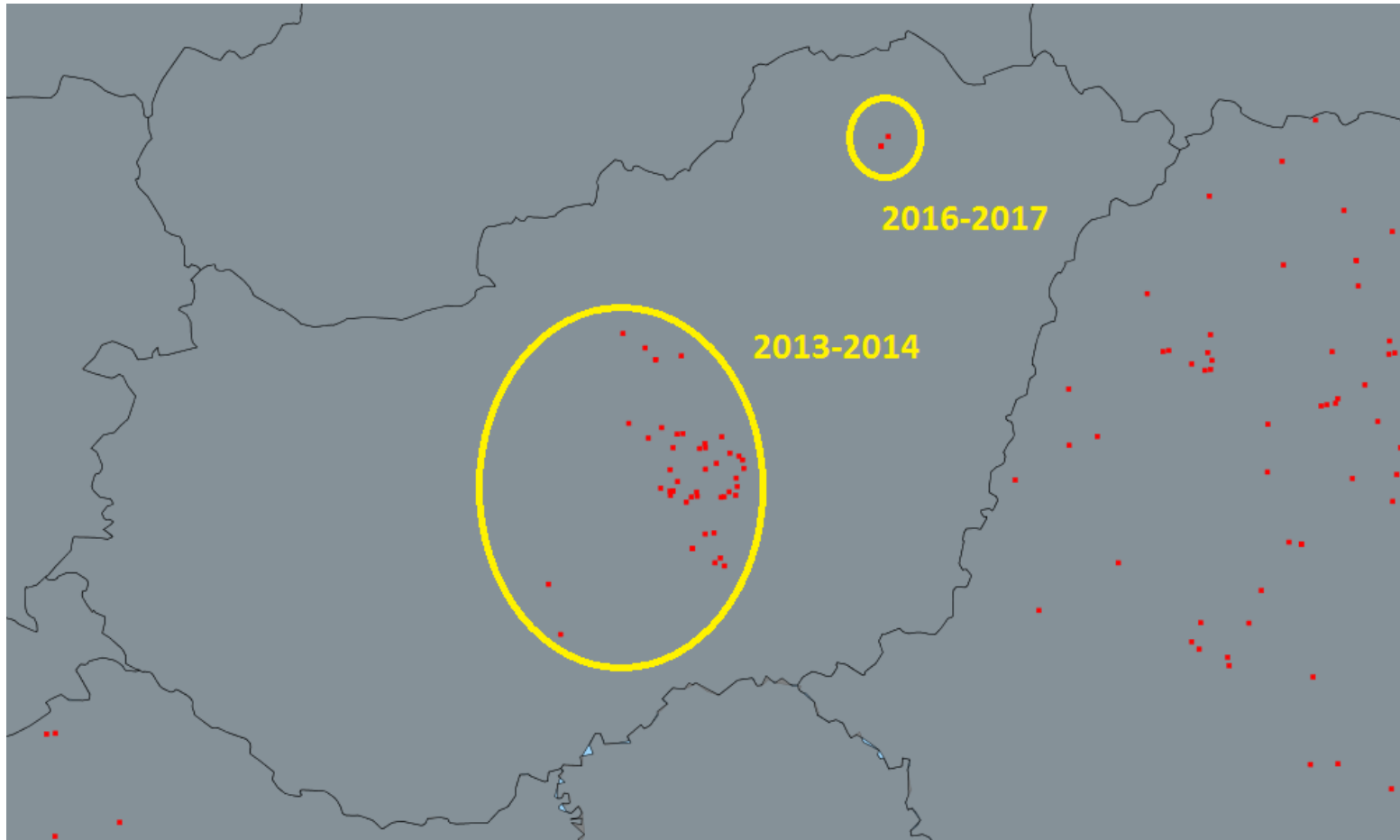
Rabies monitoring / surveillance since 2016

	2016	2017	2018	2019 (31 Jan)
Total number of FATs ⁽¹⁾ performed on indicator animals ⁽²⁾	1087	1198	1029	84
Species	<ul style="list-style-type: none"> - Fox 404 - Jackal 7 - Other wild 36 - Dog 176 - Cat 381 - Bov + ov + cap 53 - Horse 12 - Bat 18 	<ul style="list-style-type: none"> - Fox 485 - Jackal 11 - Other wild 66 - Dog 196 - Cat 346 - Bov + ov + cap 63 - Horse 9 - Bat 22 	<ul style="list-style-type: none"> - Fox 360 - Jackal 8 - Other wild 45 - Dog 171 - Cat 369 - Bov + ov + cap 49 - Horse 9 - Bat 18 	<ul style="list-style-type: none"> - Fox 29 - Other wild 4 - Dog 18 - Cat 21 - Bov + ov + cap 11 - Horse 1
Total number of biomarker tests and ELISA tests performed in hunted animals* *FAT test too	2016/2017 hunting year 3120 TC (72% +) 2494 ELISA (51% +)	2017/2018 hunting year 2890 TC (78% +) 2218 ELISA (41% +)	2018/2019 hunting year (31 Jan 2019) Sampling period ongoing, data show that results are cca. like previous years	Sampling period to start in May 2019

(1) FATs = fluorescent antibody test ;

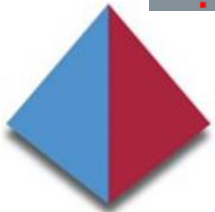
(2) Indicator animals = animals that show clinical signs or abnormal behaviour suggestive of rabies, animals found dead, road kills and animals involved in human exposure

Map of Rabies cases (if applicable)



No rabies case in Hungary in 2015

Standing Group of Experts on Rabies in Europe under the GF-TADs umbrella

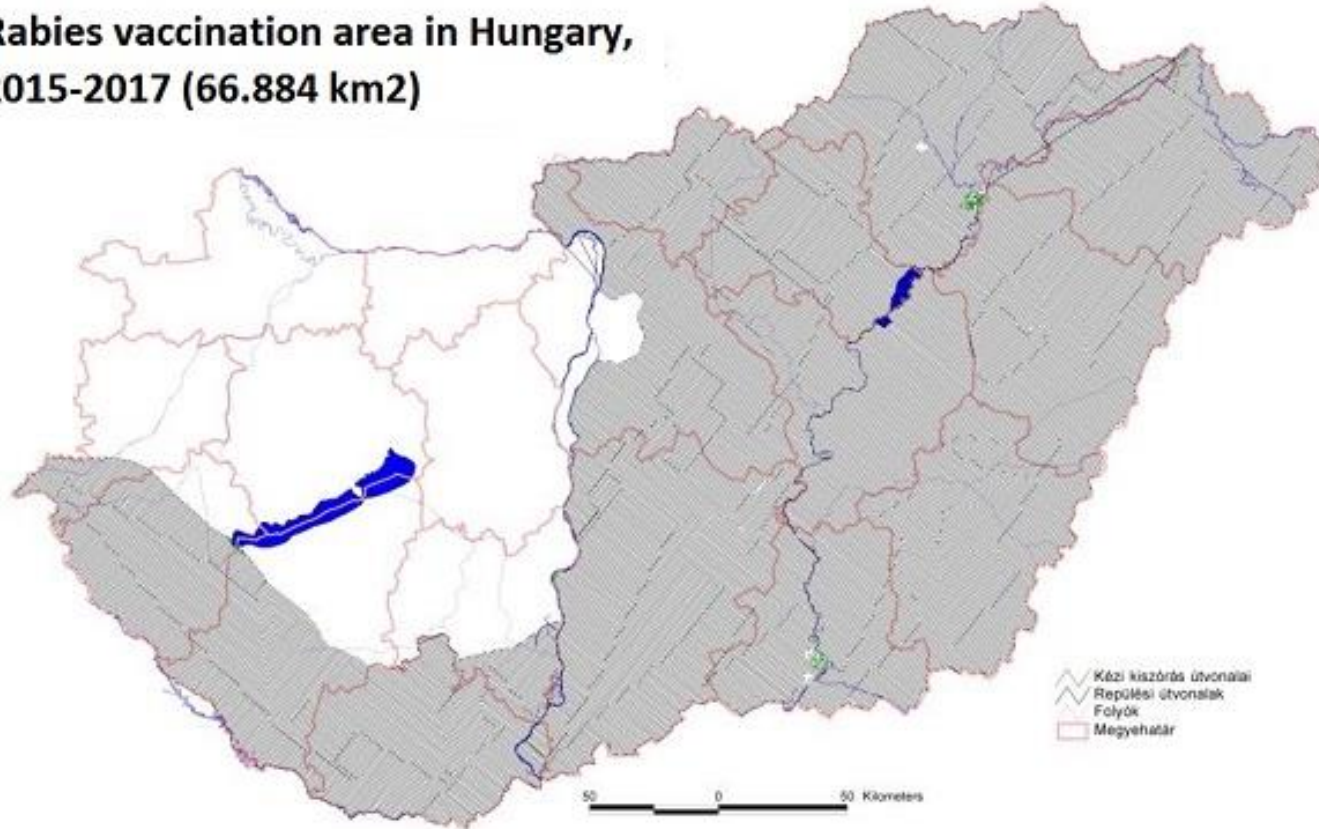


Rabies oral vaccination campaigns since 2016

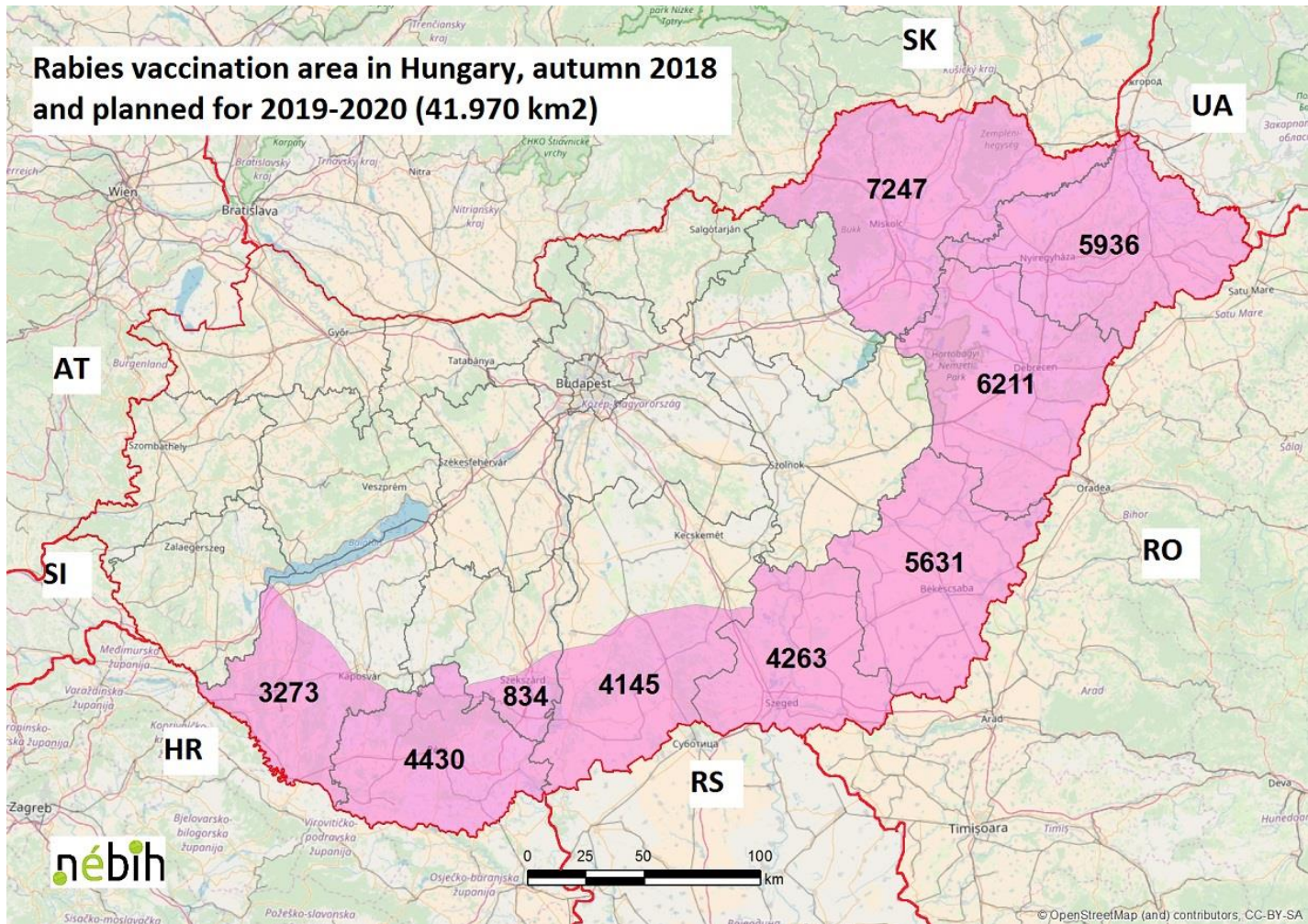
	2016	2017	2018
Spring campaign	02.04.-12.04.2016 <u>Parts of country</u> area vaccinated (km ²): 66.884 km²	01.04.-09.04.2017 <u>Parts of country</u> area vaccinated (km ²): 66.884 km²	16.04.2018. <u>Parts of country</u> area vaccinated (km ²): 2.240 km² (ERV)
Fall campaign	01.10.-14.10.2016 <u>Parts of country</u> area vaccinated (km ²): 66.884 km²	30.09.-09.10.2017 <u>Parts of country</u> area vaccinated (km ²): 66.884 km²	29.09.-05.10.2018. <u>Parts of country</u> area vaccinated (km ²): 41.970 km²
Oral vaccine used	Vaccine: SAD Bern (Lysvulpen) Bait density (baits/km ²): 20 (25-33)	Vaccine: SAD Bern (Lysvulpen) Bait density (baits/km ²): 20 (25-33)	Vaccine: SAD Bern (Lysvulpen) Bait density (baits/km ²): 20 (25-33)

Map of Vaccination areas

Rabies vaccination area in Hungary,
2015-2017 (66.884 km²)



Map of Vaccination areas



Standing Group of Experts on Rabies in Europe under the GF-TADs umbrella

Specific Plans for 2019

	Spring campaign	Fall campaign
Dates		
- At national level	- 30.03.-14.04.2019	- 05.10.-20.10.2019
And specifically at		
- border with SK	- CVOs will be officially informed in due time!	- CVOs will be officially informed in due time!
- border with UA		
- border with RO		
- border with RS		
- border with HR		
Covered territory	41.970 km ²	41.970 km ²
Oral vaccine used	SAD Bern (Lysvulpen)	SAD Bern (Lysvulpen)
Particular needs		



Specific Plans for 2020 and beyond (as appropriate)

	Spring campaign	Fall campaign
Dates		
- At national level	- 04.04.-19.04.2020	- 03.10.-18.10.2020
And specifically at		
- border with SK	- CVOs will be officially informed in due time!	- CVOs will be officially informed in due time!
- border with UA		
- border with RO		
- border with RS		
- border with HR...?		
Covered territory	41.970 km ²	41.970 km ²
Oral vaccine used	SAD Bern (Lysvulpen)	SAD Bern (Lysvulpen)
Particular needs	More information... Neighbours' epidemiological situation, surveillance (reliability), planned vaccination area, CVO letter before campaign, information about implementation (EU MS: SCoPAFF, non-EU neighbour MS: CVO letters), regional and bilateral meetings...	

THANK YOU



Standing Group of Experts on Rabies in Europe under the GF-TADs umbrella