

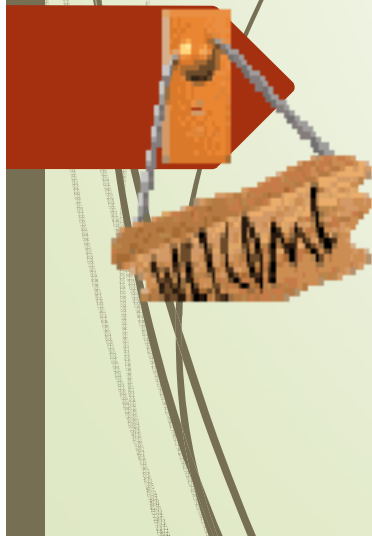


Rabies in the Slovak Republic Update

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CVO of the Slovak Republic

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Overview /historical development of the situation

- ▶ The Slovak Republic was a country free from rabies since 2009 (declared at the SCoFCAH meeting in June 2009) – SK fulfilled the requirements laid down in Terrestrial Animal Health Code

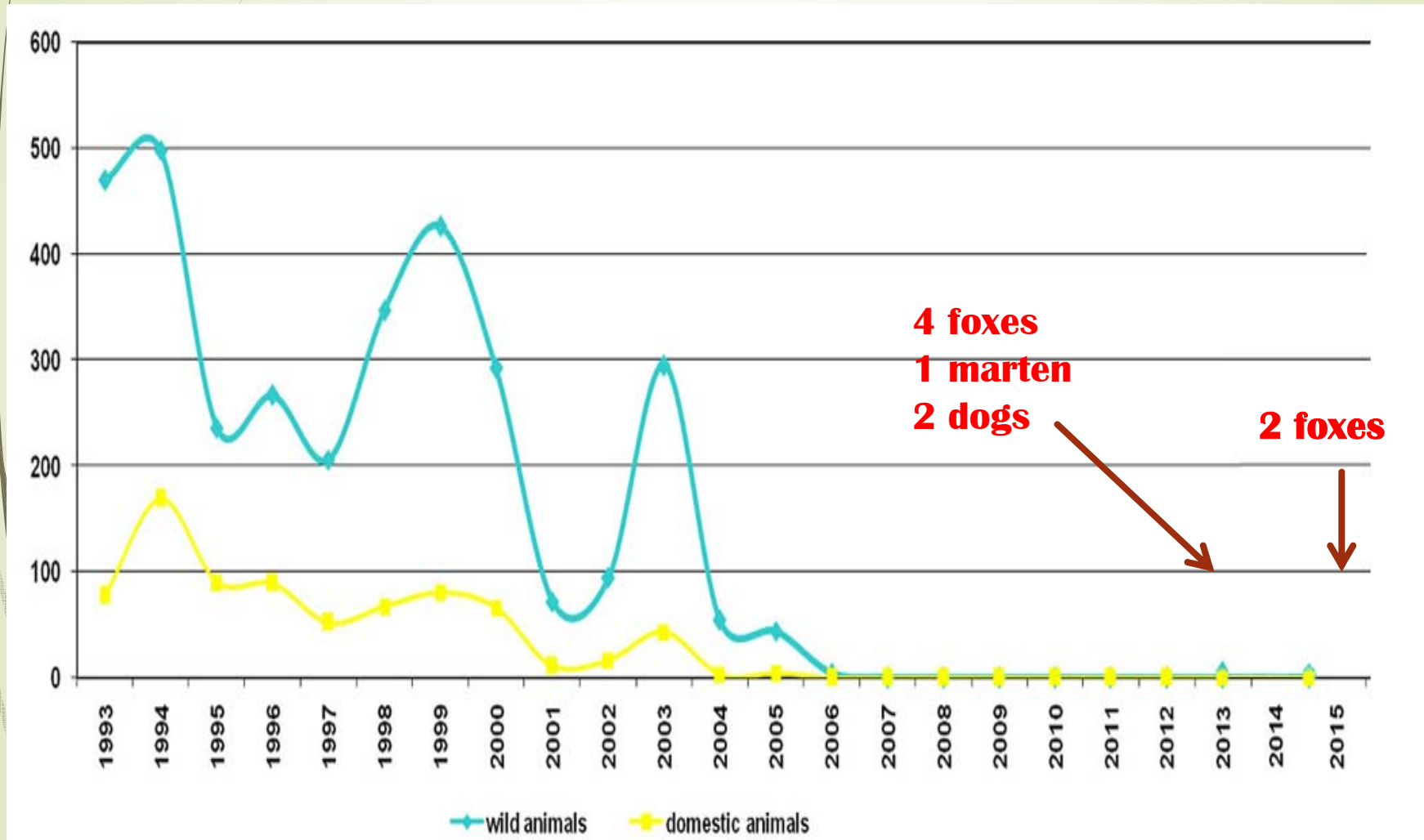
For that time period positive cases has been confirmed by

- ▶ wildlife **red fox** – in August 2006
- ▶ wild animal **except fox - marten**– in December 2005
- ▶ **dog** – in May 2005
- ▶ domestic animal except dog – **cat** – in January 2005



PERIOD WITHOUT POSITIVE CASES :
AUGUST 2006 – JANUARY 2013

The Number of Positive Cases of Wild and Domestic Animals from 1993 to 2015 in the Slovak Republic (state of play 7.7.2015)

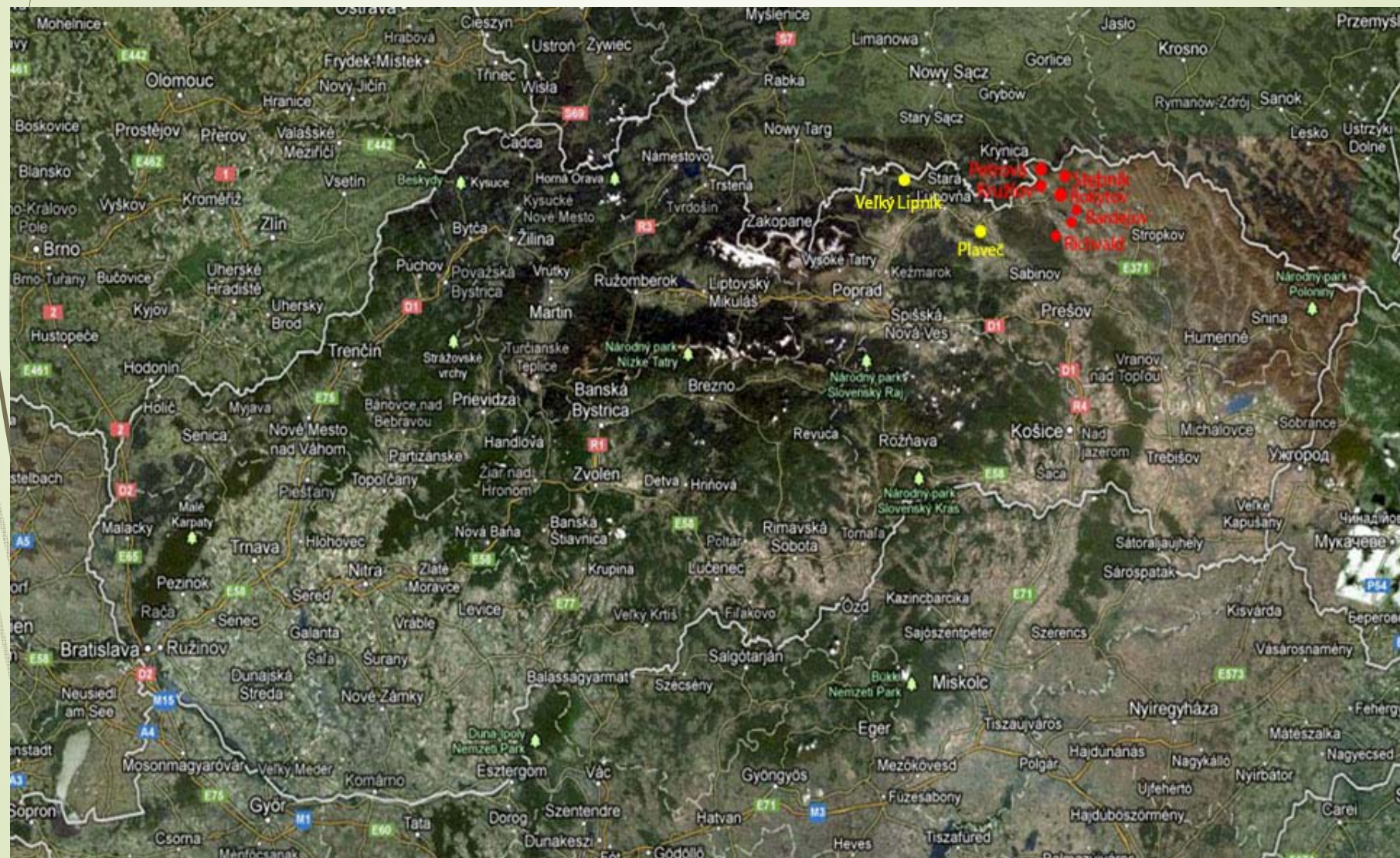


SK positive cases - year 2015

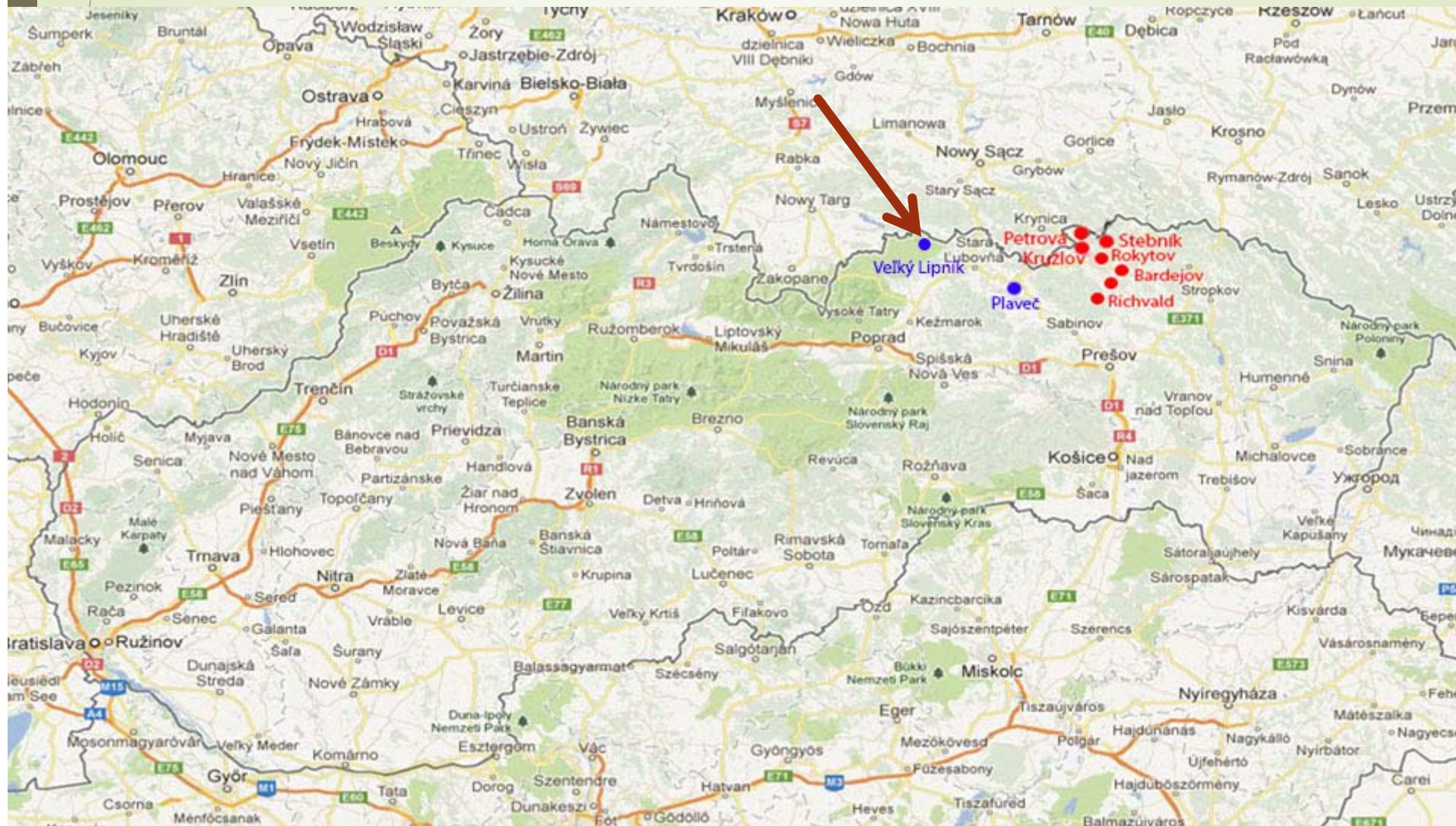
- ➔ **5/1/2015** - The case **confirmed** on the territory of the Slovak Republic by perished wild red fox found in the area village Plaveč (district Stará Ľubovňa, north part of the slovak territory, very close to the SK /PL border)
- ➔ **26/6/2015** - The case **confirmed** on the territory of the Slovak Republic by wild red fox shot to death in the area village Veľký Lipník (district Stará Ľubovňa, north part of the slovak territory, very close to the SK /PL border)



Rabies cases- SK - 2013/2015

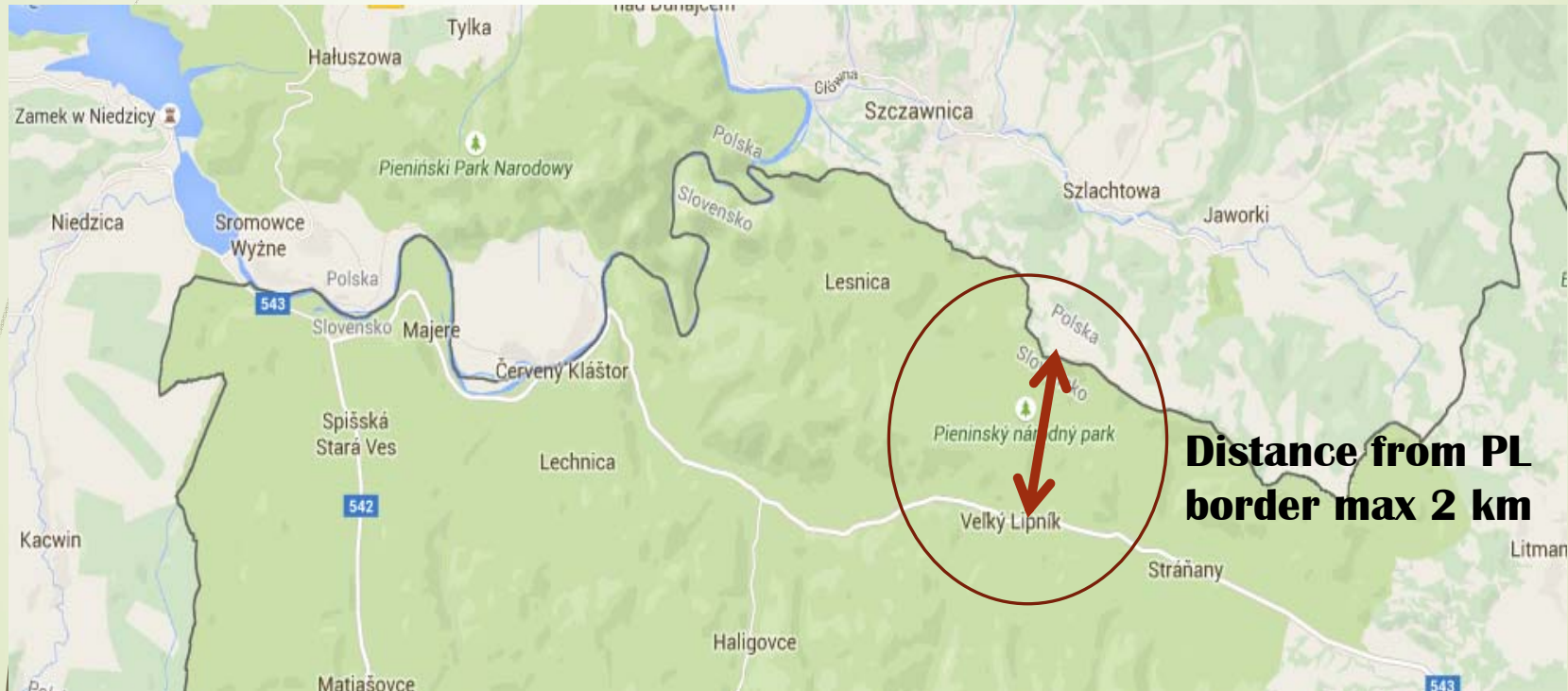


Rabies cases- SK - 2013/2015





2- nd rabies case in 2015- Velký Lipník – location



SK rabies cases 2015- further information



- **Case(s) have been reported to the OIE as well as via ADNS report**
- **Measures adopted by DVFA Stara Ľubovňa (on the spot) according to the law on veterinary care valid in the Slovak Republic as well as National programme of rabies eradication in the Slovak Republic for year 2015**

Measures v adopted in case of a positive result – domestic (wild) animals I.

➤ outbreak definiton

➤ in the outbreak:

- 1. marking it with warning tables with wording „CAUTION RABIES !”**
- 2. killing of susceptible animals which came into contact with an animal positive to the presence of rabies antigen**
- 3. carrying out the registration of dogs and cats and protective vaccination of dogs, cats and other carnivore over 3 months of age which have not been vaccinated against rabies so far or since the last antirabic vaccination or re-vaccination period elapsed, provided that they did not come into contact or they did not have the possibility to come into contact with an animal positive to the presence of rabies antigen**



Measures adopted in the case of a positive result – domestic (wild) animals II.

➤ additional measure in the case of rabies

➤ occurred by domestic animals:

- **to perform protective vaccination of susceptible domestic animals; it will permit to use of the milk and other products obtained from them for the human consumption and feeding purposes only following gained immunity (this period will be stated based on the date of vaccine manufacturer).**

➤ occurred by wild animals :

- **to perform protective vaccination of cattle, sheep and goats in pasture and to stable the animals until gaining the immunity (this period will be stated based on the date of vaccine manufacturer).**



Results of examination - wild and domestic animals (2000 - 31/03/2015)

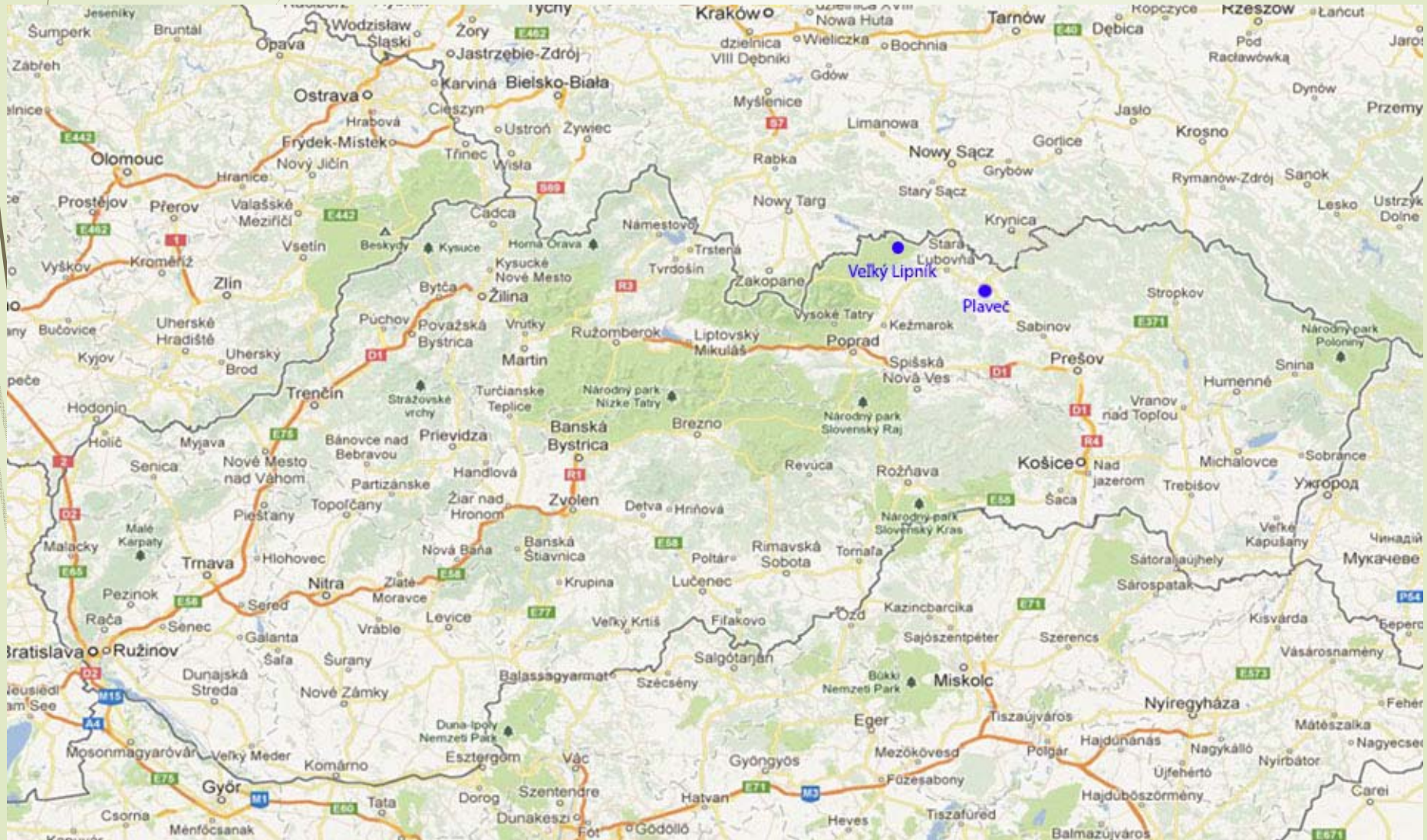
*up to 31/03/2015

Year	Wild animals				Domestic animals				The total number of animals	
	Red fox		Other		Dogs and cats		Other			
	Posit	Negat	Posit	Negat	Posit	Negat	Posit	Negat	Posit	Negat
2015*	1	1201	0	12	0	47	0	4	1	1264
2014	0	1396	0	32	0	226	0	11	0	1665
2013	4	3 587	1	64	2	263	0	6	7	3924
2012	0	3 369	0	44	0	242	0	13	0	3 668
2011	0	3 264	0	60	0	279	0	20	0	3 623
2010	0	2 922	0	42	0	323	0	16	0	3 303
2009	0	3 203	0	86	0	391	0	28	0	3 708
2008	0	3 422	0	77	0	484	0	25	0	4 008
2007	0	3 751	0	86	0	445	0	31	0	4 313
2006	1	3 630	0	105	0	485	0	21	1	4 241
2005	44	1 767	2	126	4	654	0	42	50	2 589
2004	54	1 563	6	109	3	660	1	50	64	2 382
2003	295	1 791	13	159	43	676	3	72	354	2 698
2002	94	1 452	3	130	16	713	1	80	114	2 375
2001	72	1 027	4	116	11	674	0	62	87	1 879
2000	292	1 416	13	164	66	793	4	69	375	2 442
Total	857	38 761	42	1 412	145	7 353	9	549	1 053	48 075

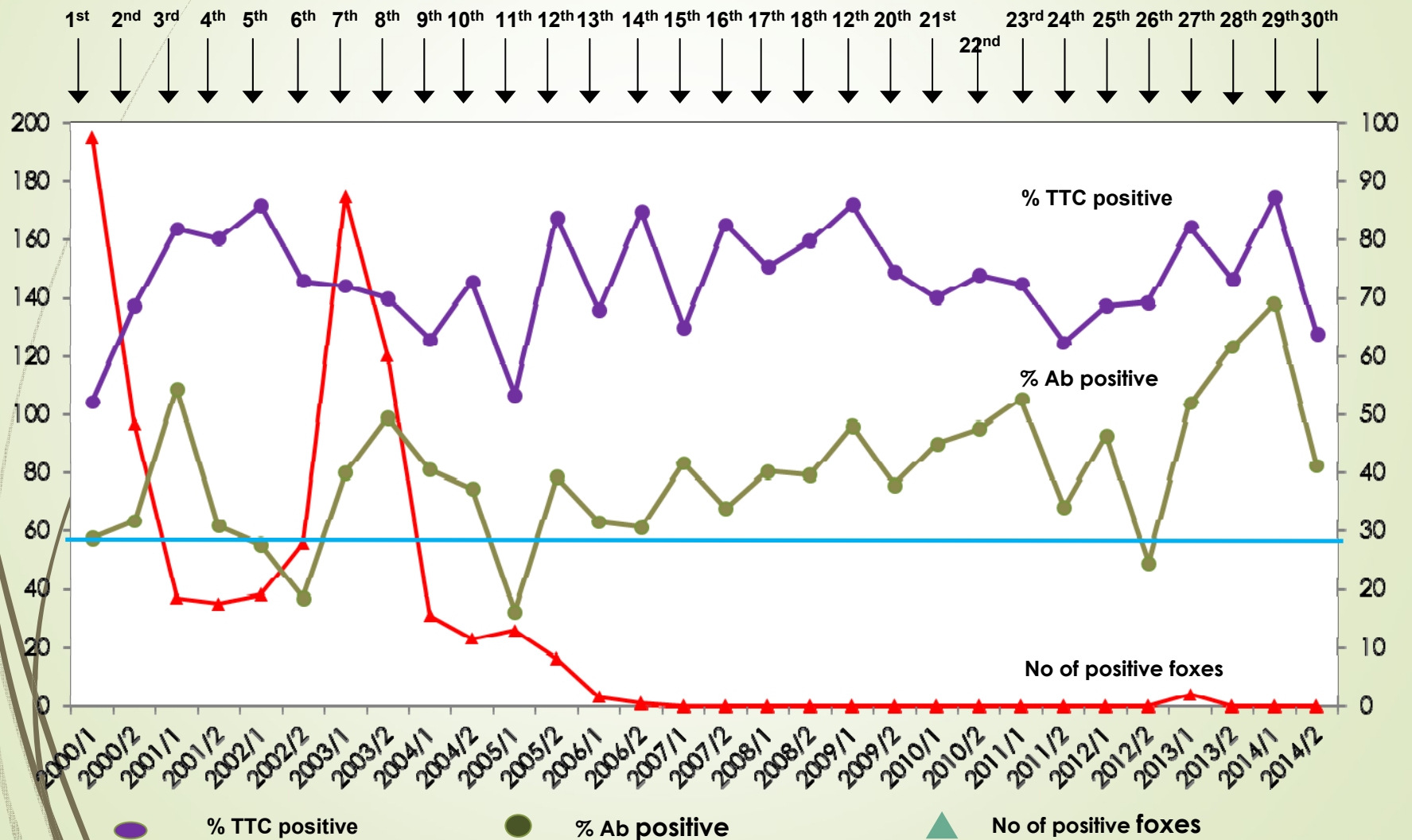
Tests performed period 2005-2014 (wildlife red fox, raccon dog)

Year	Virological tests		Serological tests		Other tests IF (TTC)	
	Number of samples tested	Number of positive samples	Number of samples tested	Number of positive samples	Number of samples tested	Number of positive samples
2005	1767	42	1078	282	1279	838
2006	3630	4	3098	1109	3289	2591
2007	4309	0	3000	1115	3129	2315
2008	3422	0	3288	1172	3517	2842
2009	3196	0	2763	1134	2976	2406
2010	2922	0	2357	922	2404	1772
2011	3264	0	2731	1334	2751	2026
2012	3369	0	2869	1062	2890	1845
2013	3596	4	649	227	650	482
2014	1398	1 (confirmation January 2015)	484	315	484	387

Rabies cases- SK - 2015



Occurrence of Rabies in Slovakia from January 2000 till December 2014



Oral vaccination of foxes in 2014

- ▶ Lysvulpen por a.u.v., Bioveta a.s., CZ origin-modificated, attenuated rabies virus SAD Bern (+ TTC as indicator) given to bait
- ▶ two seasonal campaigns (**spring 4/2014 and autumn 10/2014**)
- ▶ One campaign :
- ▶ spread by plain :
- ▶ **area 12 000 km², 25 baits/1km² , total 300 000 baits**
- ▶ spread by hand:
- ▶ **area 208 km², near the towns, 18 baits/1km² total 3750 baits**



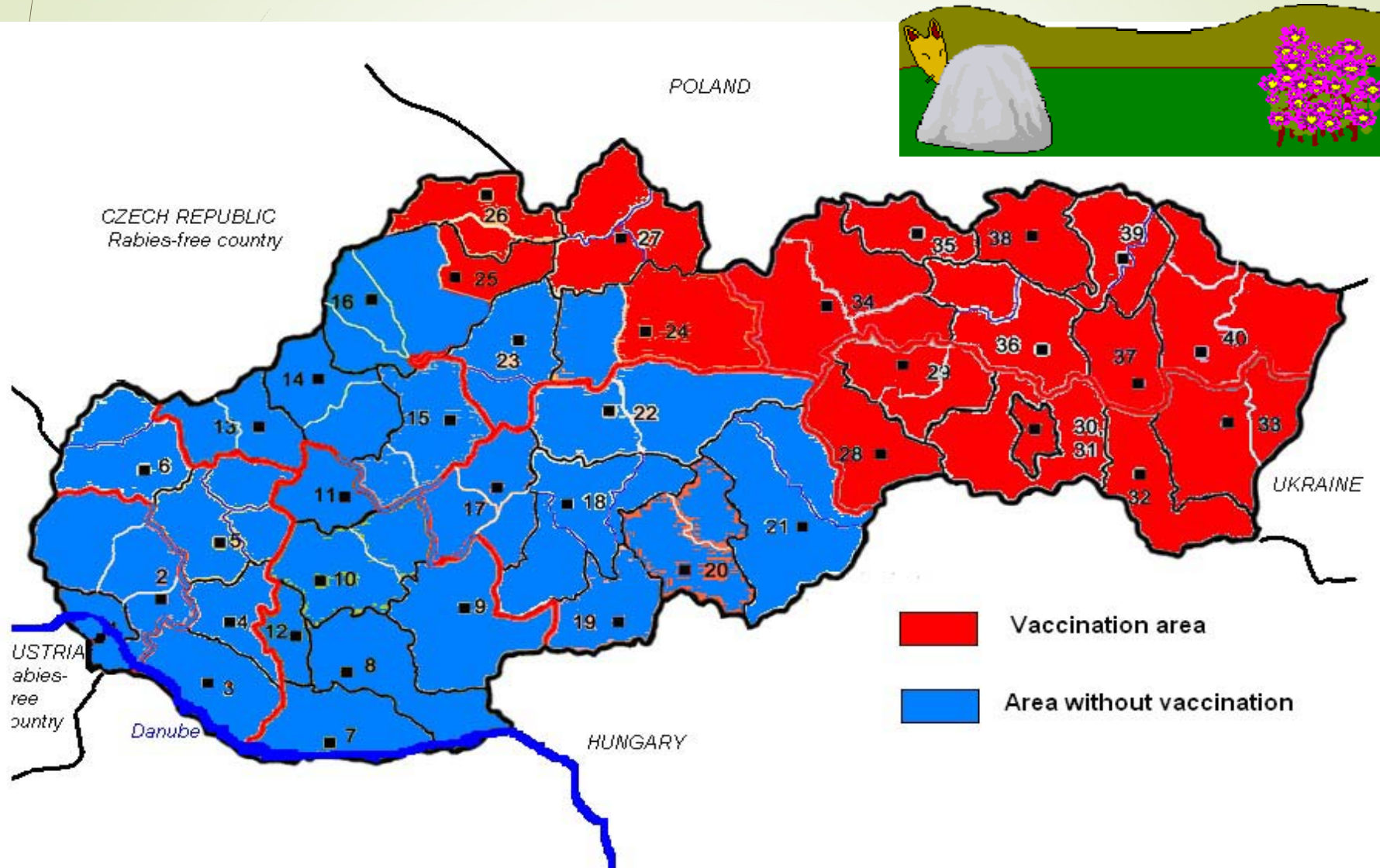
Oral vaccination of foxes in 2015

- **The same vaccine as used in 2014 (Lysvulpen)**
- **two seasonal campaigns foreseen**
- **spring campaign already performed 13-24/4/2015 and autumn campaign planned in October 2015**



- **Figures for spreading of vaccine the same as presented in 2014**
- **Vaccination area demarcated (see map)**

DISTRIBUTION OF VACCINE BAITS FOR ORAL VACCINATION OF FOX POPULATION IN THE SLOVAK REPUBLIC IN THE YEAR 2015





NEXT STEPS /CONCLUSIONS

Current cases of rabies confirmed in a part of the slovak territory located very close to PL border

Due to rabies cases in Poland in the slovak neighborhood further positive cases are not excluded

► In the following period Slovak Republic will continue with

- **oral vaccination of foxes (area determinted and chosen)**
- **vaccination of domestic carnivoras**
- **monitoring of rabies in wild and domestic animals in the whole territory of the Slovak Republic**

Thank you for your attention

