



Food and
Veterinary Service
Republic of Latvia

On the results of implementation of Rabies co-financed eradication program in Latvia during 2018

PAFF meeting,
Brussels, 24-25 October 2019

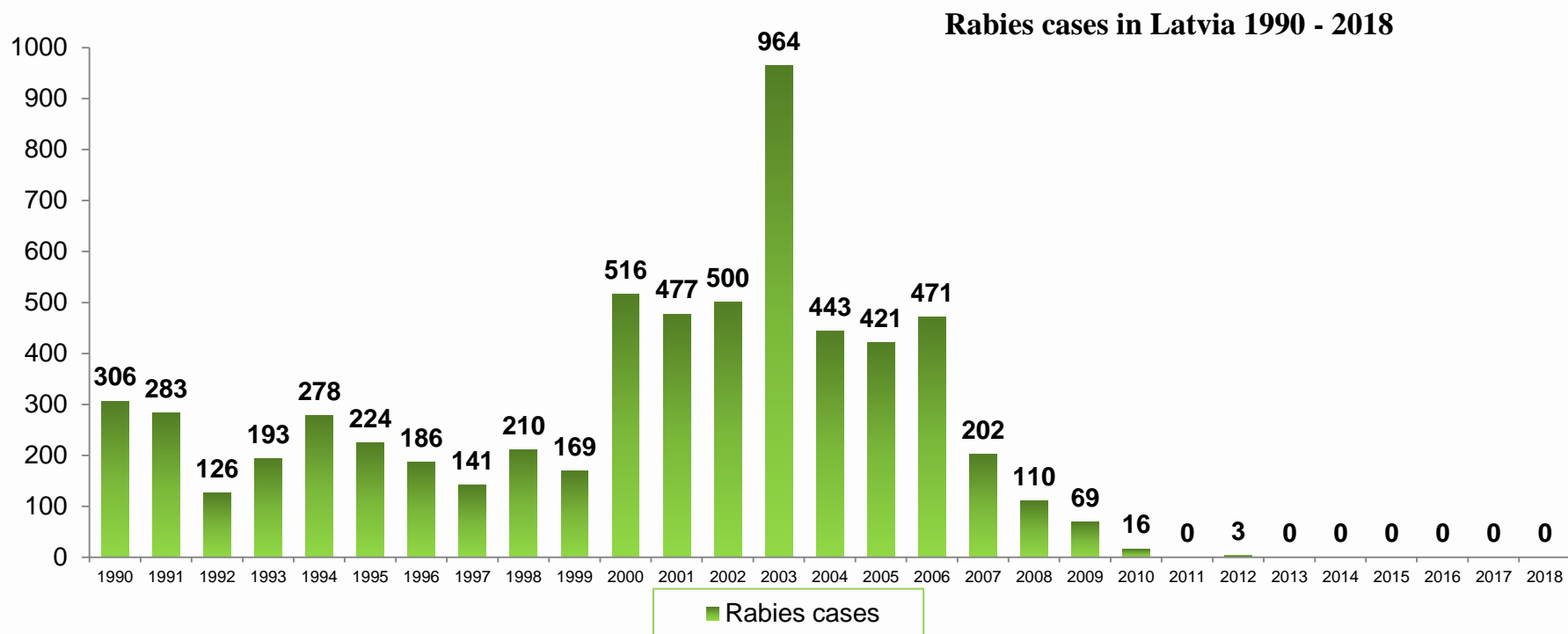




Rabies cases in Latvia 1990-2018

The last Rabies cases in wildlife animals were confirmed in **February 2012**

In accordance with OIE self-declaration - Latvia has conferred free status from Rabies since **December 2014**



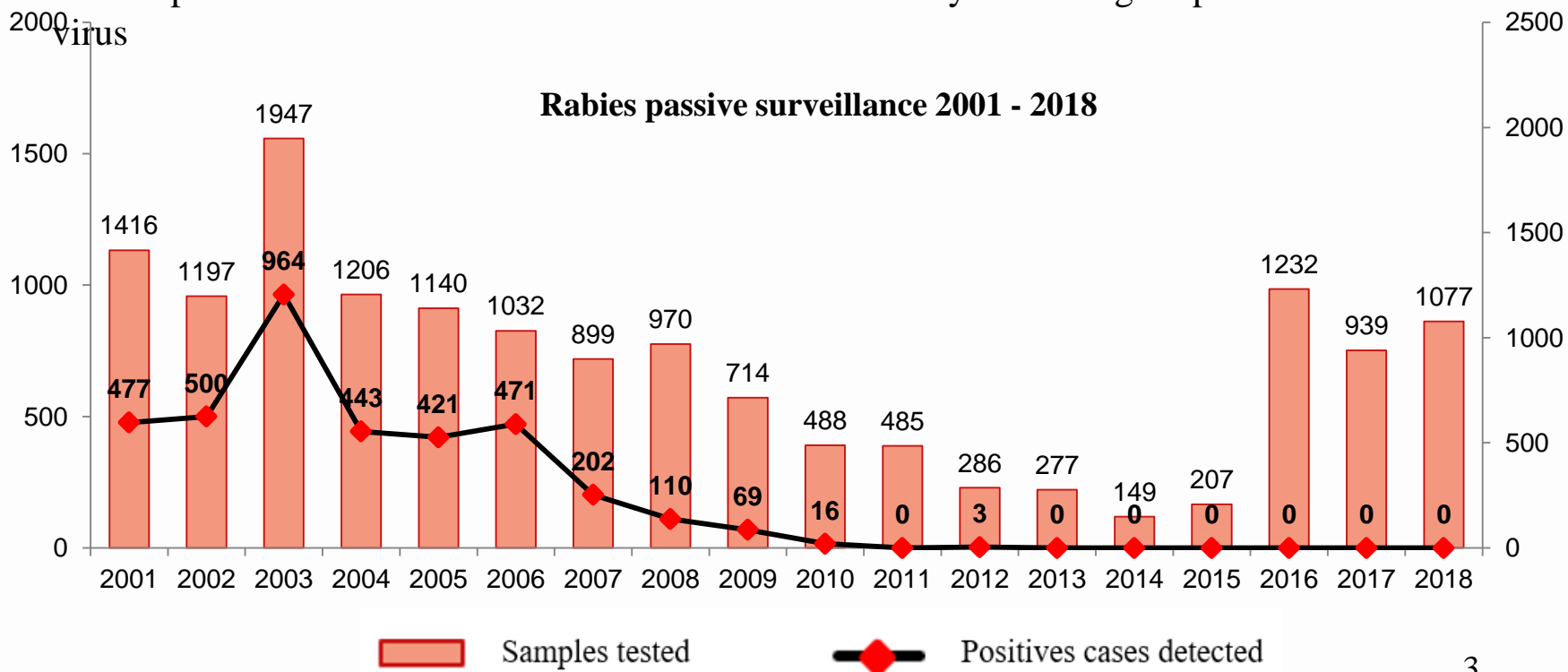


Rabies passive surveillance 2018

Passive surveillance established in all territory of Latvia:

- all suspected animals (wildlife + domestic)
- intensified surveillance program of killed animals on roads (in place since 2016)

All samples has submitted to National Reference laboratory for testing on presence of Rabies

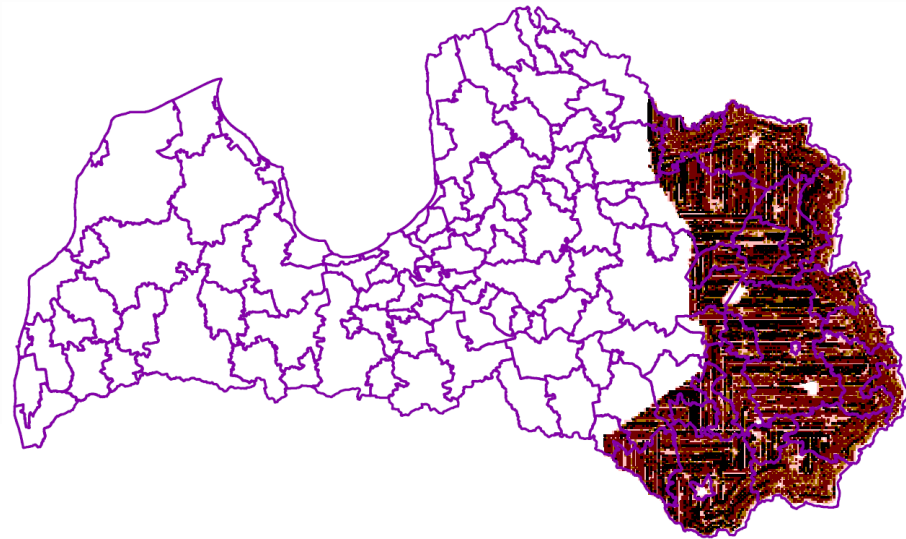




Wildlife oral vaccination in 2018

Vaccination area has been reducing due to favorable Rabies epidemiological situation since 2014. At this moment Rabies vaccination area constitutes approximately 19 245 km².

- Two vaccination campaigns per year (spring and autumn)
- Distance between flight lines - 500 m
- ~25 baits/km² distributed
- Each distributed vaccine bait is registered



During each vaccination campaign there were distributed 480 900 Lysvulpen (Bioveta) vaccine baits. Vaccination was performed from aircrafts Cessna 172 using fully automatic vaccine distribution registration and control device SURVIS.



Monitoring of the results of vaccination campaigns

Rabies active surveillance 2018

To ensure vaccination efficiency control - hunted foxes and raccoon dogs from vaccinated area were purchased from hunters and submitted to NRL for testing to bait uptake (luminiscent microscopy (LM)) and seroconversion (ELISA)

LM

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
468	279	747	404	86	215	77	619	82

ELISA

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
468	279	747	241	52	117	42	358	47

Summary: 47% of tested animals have been detected antibodies against Rabies virus by ELISA



Financial aspects of Rabies co-financed eradication program in Latvia

Total costs for Rabies eradication program in 2018 is
897 353.23 EUR

Total eligible costs from EU budget for implementation of
Rabies eradication program in 2018 is **726 850.04 EUR**



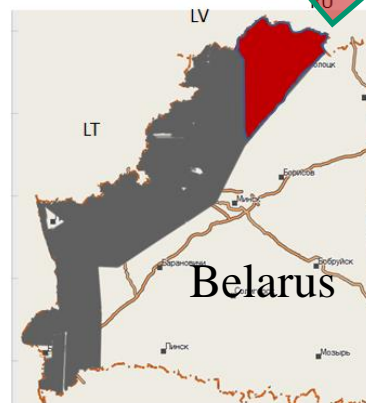
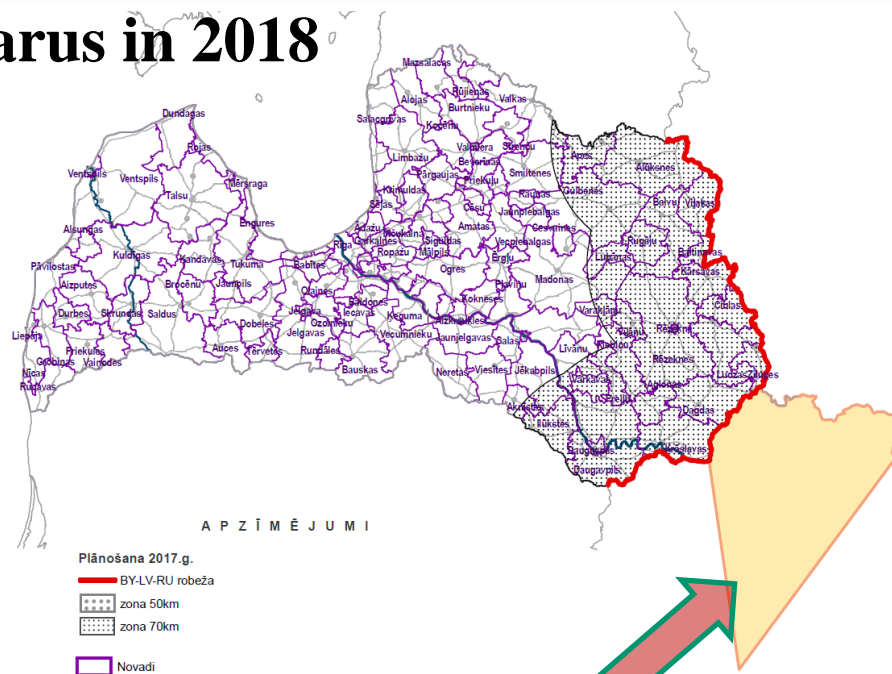
Rabies wildlife oral vaccination program

in Belarus in 2018

After several years of unsuccessful collaboration between institutions, bilateral contract for the Rabies oral vaccination campaign was signed in September 2018.

Aerial distribution of vaccine (autumn vaccination campaign) was performed in a period from 4th to 31st October, 2018.

During vaccination campaign there were distributed 250 000 baits of vaccine Rabivac - O/333.



The main aim of this EU co-financed program is to provide vaccination of wildlife (foxes and raccoon dogs) in Belarus territory bordering Latvia (EU Eastern border). The scope of program is to establish approximately 50-70 km buffer zone in the territory of Belarus with total area of **10 850 km²**.



Difficulties and challenges faced

Administrative and financial difficulties from Belarus side regarding government purchase of vaccines and distribution of them in 2018

There was only one vaccination campaign in 2018



Thank you for your attention!

