



Results of the implementation of Rabies co-financed eradication programme in the Latvia during 2013

SCoFCAH, 6 -7 October 2014





Territory and borders of Latvia

Total area: 64 635 km²

Latvia lies on the Eastern coast of the Baltic Sea.

The length of sea border is 494 km.

The combined length of the national borders is 1862 km.



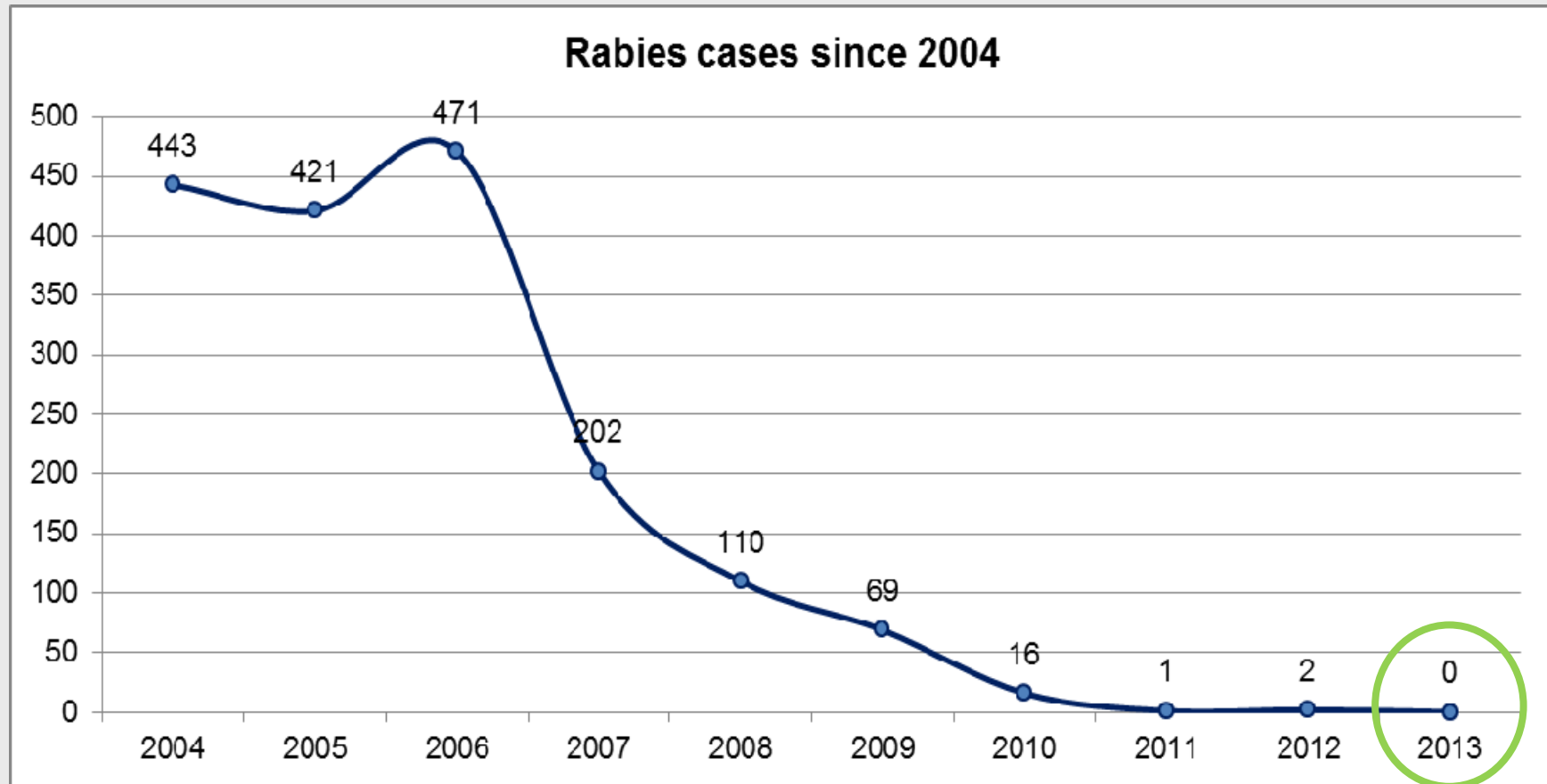
The length of land borders with:

Estonia - 343 km

Russia - 282 km

Belarus – 167 km

Lithuania - 576 km

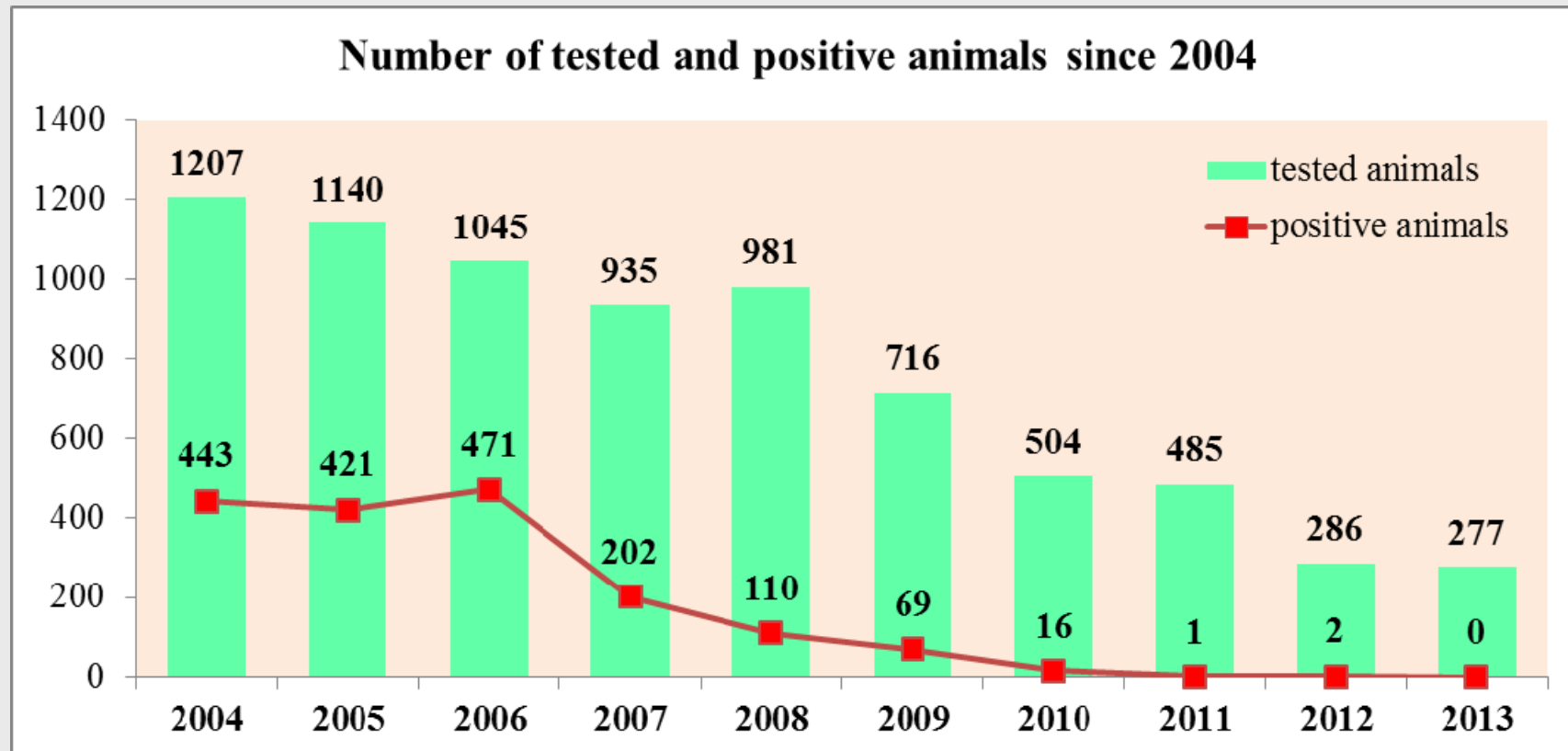


Summary: Since February 2012 until now we have not confirmed rabies cases.



Rabies passive surveillance 2013

Passive surveillance – all suspected animals (including wildlife) are sent to National Reference laboratory for testing to rabies virus.



Slide 4

KL2

šo tekstu vajag apvienot ar slaidu, kurā ir cipari par to, cik ir izmeklēts pasīvās uzraudzības ietvaros. pilnvaroti vetu skaits te neprasās un nav svarīgs

Kristīne Lamberga; 05/09/2012



Wildlife oral vaccination campaign 2013

Vaccination covered all territory of Latvia

Spring vaccination (22 April – 16 May)

- Distance between flight lines 500 meters.
- Used **1 400 000** Lysvulpen baits.
- 22 baits/km²

Autumn vaccination (26 August – 20 September)

- Distance between flight lines 500 meters.
- Used **1 400 000** Lysvulpen baits.
- 22 baits/km²



Campaign control measures

- Each flight track is registered by GPS and documented.
- The report number is harmonized with flight track number.
- Data recorded for each flight: date, time, duration, amount of vaccine distributed, area (km²) covered and responsible persons.
- Control of vaccination efficiency – hunted/found dead foxes and raccoon dogs (4 animals / 100 km² territory) are purchased from hunters and submitted to NRL (bait uptake and immunity level).



Results of efficiency control of 2013 campaigns

TC

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
1 132	1 170	2 302	1 067	94,26	1 063	90,85	2 130	92,53

ELISA

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
1 132	1 166	2 298	572	50,53	659	56,52	1 231	53,57

Summary: Immunity results are higher than in 2012 (seropositive 41,6% and TC 87,4% of investigated animals)

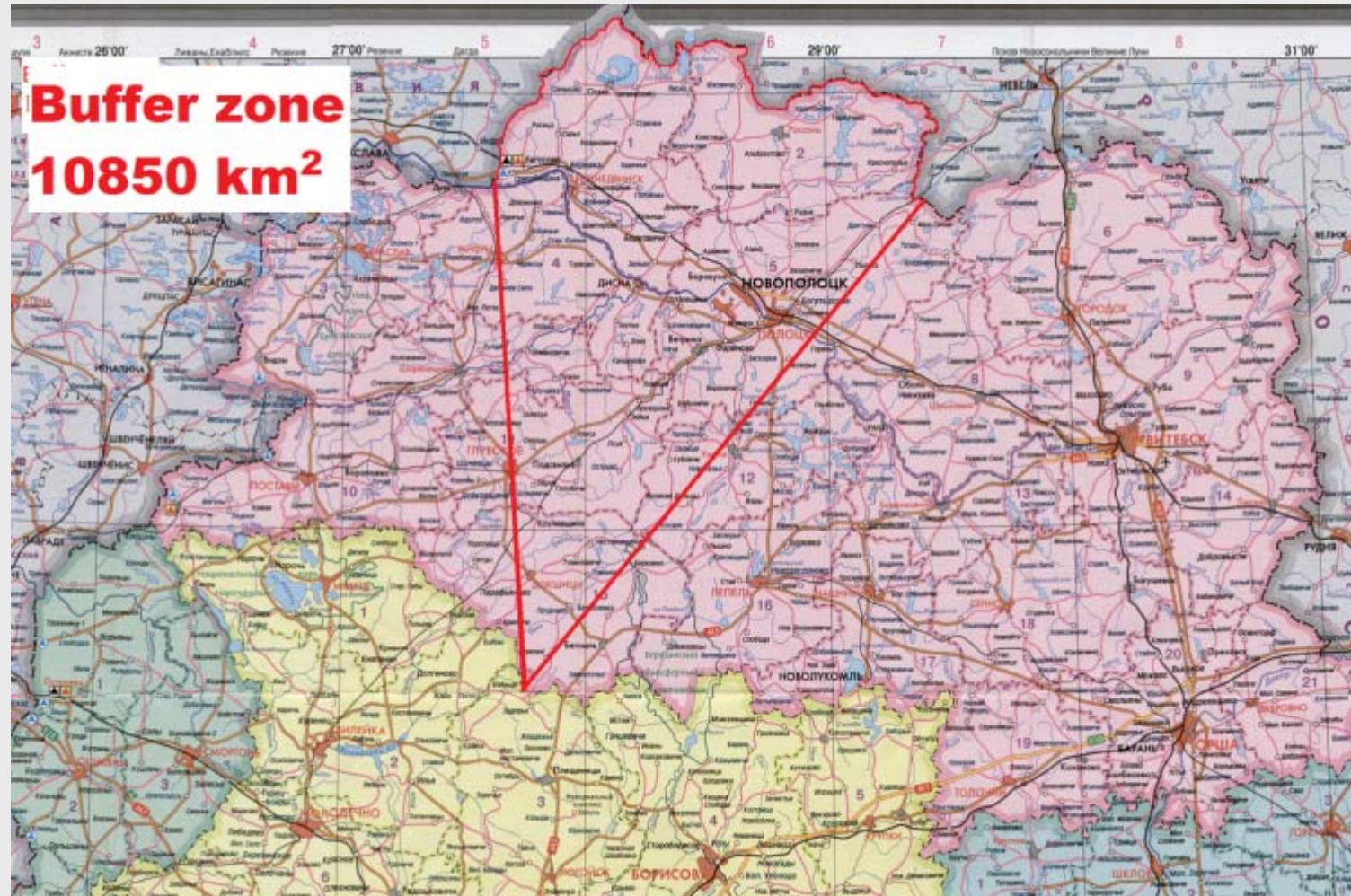


Rabies programme in the Belarus (1)

- From 2012 EU co-financed programme includes oral vaccination of wildlife (foxes and raccoon dogs) in Belarus territory near Latvia border to establish approximately 50 km buffer zone
- The purpose - to eradicate rabies in the buffer zone (Verkhnedvinsk, Ushachi, Docshitci, Glubokoe, Miory, Polotsk, Rossony, Sharkovshchina regions) in Belarus
- The area of the buffer zone is 10 850 km²
- Implementation of the program ensured by Food and Veterinary Department of Belarus

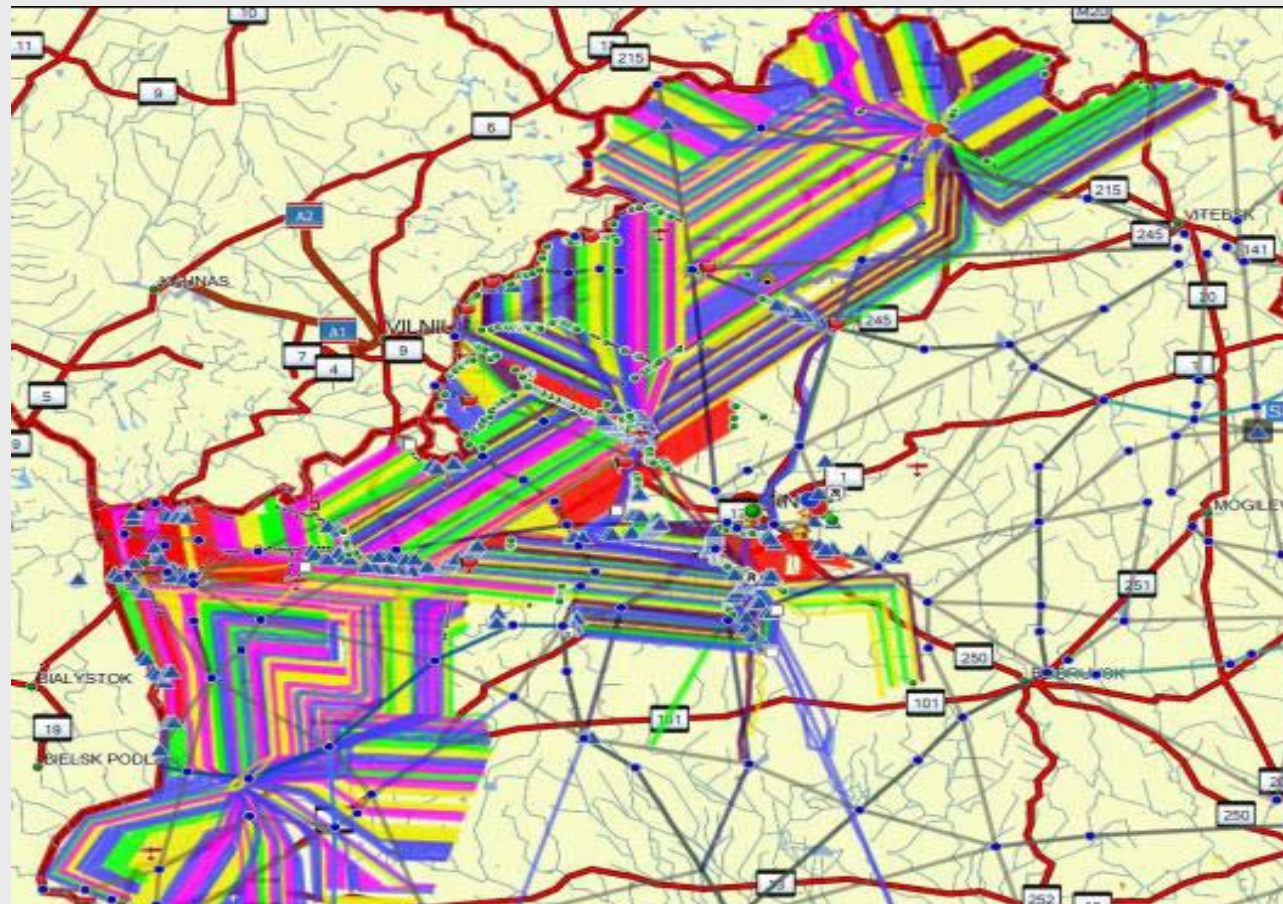


Rabies programme in the Belarus (2)





Rabies programme in the Belarus (3)



Some parts of bordering regions are currently included also in Lithuanian rabies eradication program.



Rabies programme in the Belarus (4)

- Vaccine baits distributed from airplanes twice a year (in June-July and November)
- Distance between flight lines 1 000 meters
- Number of vaccine baits distributed – 542 500 (25 baits/km² during one campaign)
- Control of vaccination efficiency – foxes and raccoon dogs (4 animals / 100 km² of the territory of buffer zone) to be tested for vaccine bait uptake and immunity level
- Rabies vaccination efficiency results – 690 teeth samples and 51 blood serum samples were taken and frozen.
- Laboratory tests will be carried out in rabies OIE Reference laboratory in Russian Federation. Results will be available until end of 2014.



Rabies incidence in Belarus

Rabies cases in wildlife (in vaccination area) 2011-2013

Region	Rabies cases in wildlife		
	2011	2012	2013
Vitebsk	123	35	27
Grodno	192	65	43
Minsk	115	54	57



Financial aspects

- Total eligible costs of implementation of 2013 rabies eradication programme in Latvia and Belarus
1 847 722. 76 EUR
- Financial contribution by the Community (Commission Decision 2012/761/EU of 30 November 2012)
2 100 000 EUR
- Possible amount to be reimbursed
1 507 345. 30 EUR



Thank you for your attention!

