



The results of the implementation of Rabies co-financed eradication programme in the Latvia during 2010

***SCoFCAH, 8 - 9 November 2011,
Brussels***





Territory and borders

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

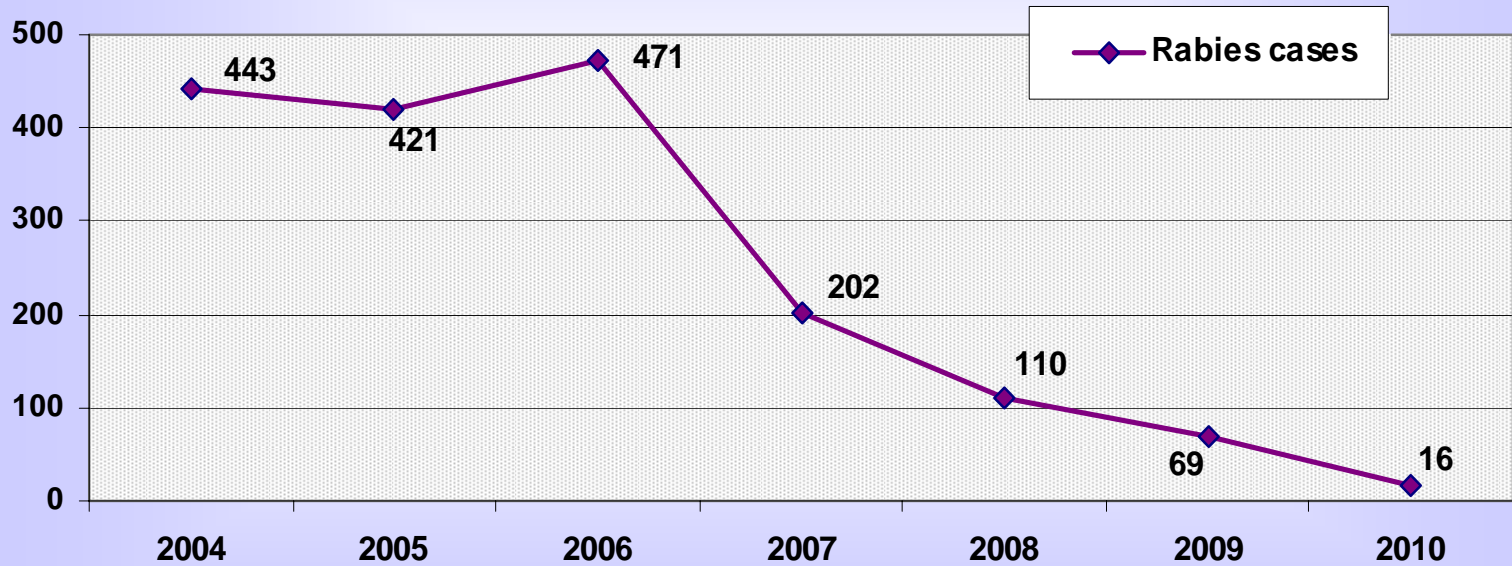
Russia - 282 km

Byelorussia – 167 km

Lithuania - 576 km



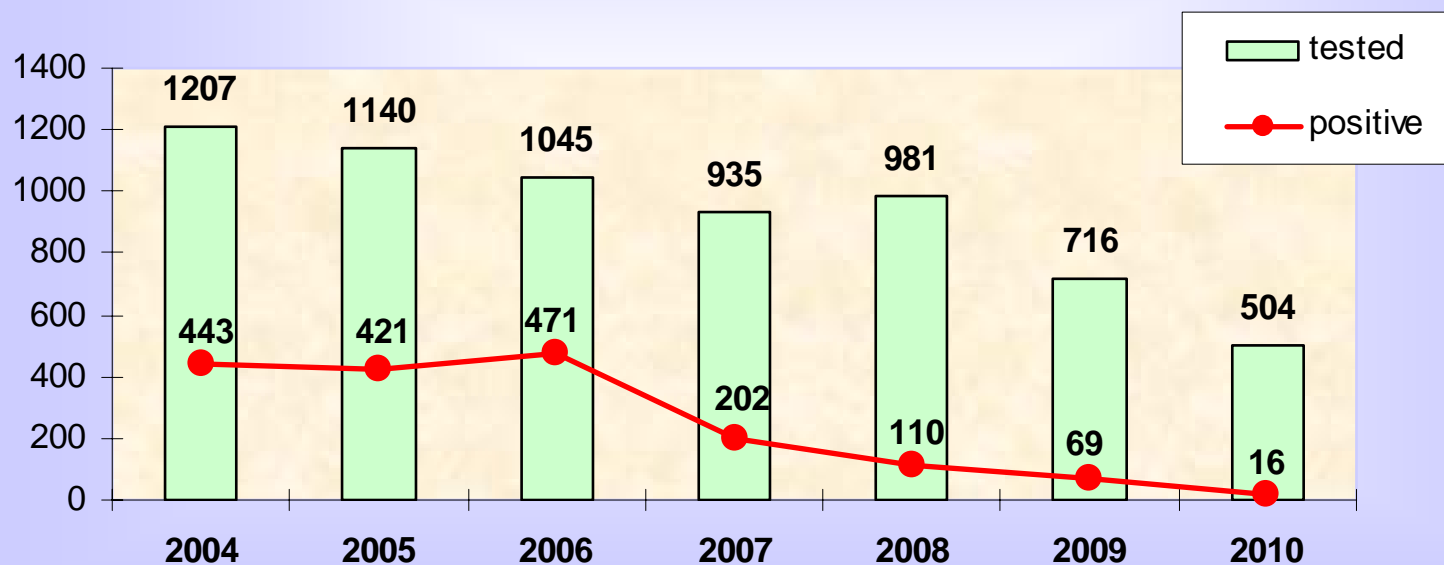
Rabies cases since 2004



Summary: Rabies cases decreasing – in 2010 were 76,3% less cases than in 2009



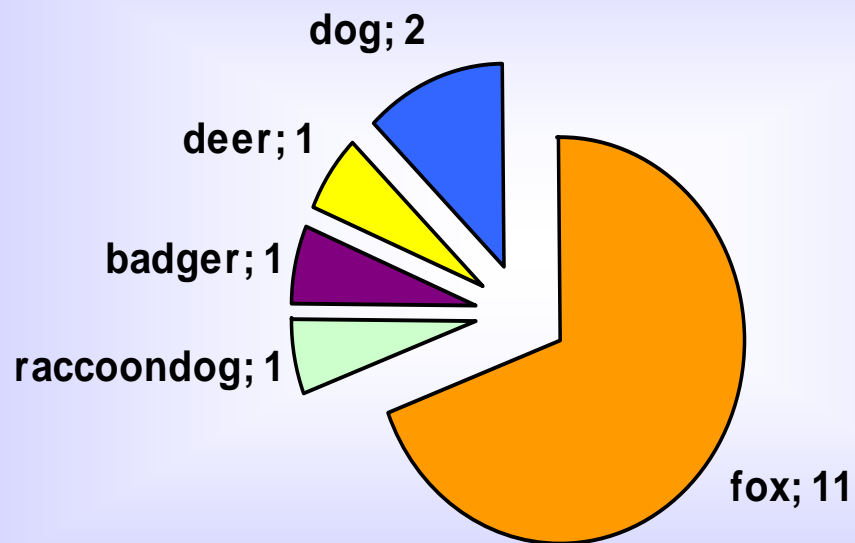
Number of tested and positive animals since 2004



Summary: Decreasing is observed both in the number of tested animals and in number of the positive cases



Affected animal species in 2010



Summary: Majority of the cases are registered in wildlife, mostly in foxes



Rabies passive surveillance 2010

~ 600 veterinarians authorized by Food and Veterinary Service (FVS)

Visits after receiving information about rabies suspects

Sample collection and delivery to National Reference laboratory – Institute of Food Safety, Animal Health and Environment ("BIOR") – regional labs/sample collection points

Costs are covered by FVS



Prophylactic vaccination of dogs and cats

- 1) Law on Veterinary Medicine – **determines requirement for animal owner to vaccinate dogs, cats and ferrets against Rabies every year**
- 2) Regulation of Cabinet of Ministers No.178 (23.02.2010.) “Procedures for prevention and combating of rabies”
- 3) “Rabies state surveillance and eradication program” (Order 49, approved by Chief Veterinary Officer on April 16, 2010)

year	dogs	cats
2010	88 335	32 062





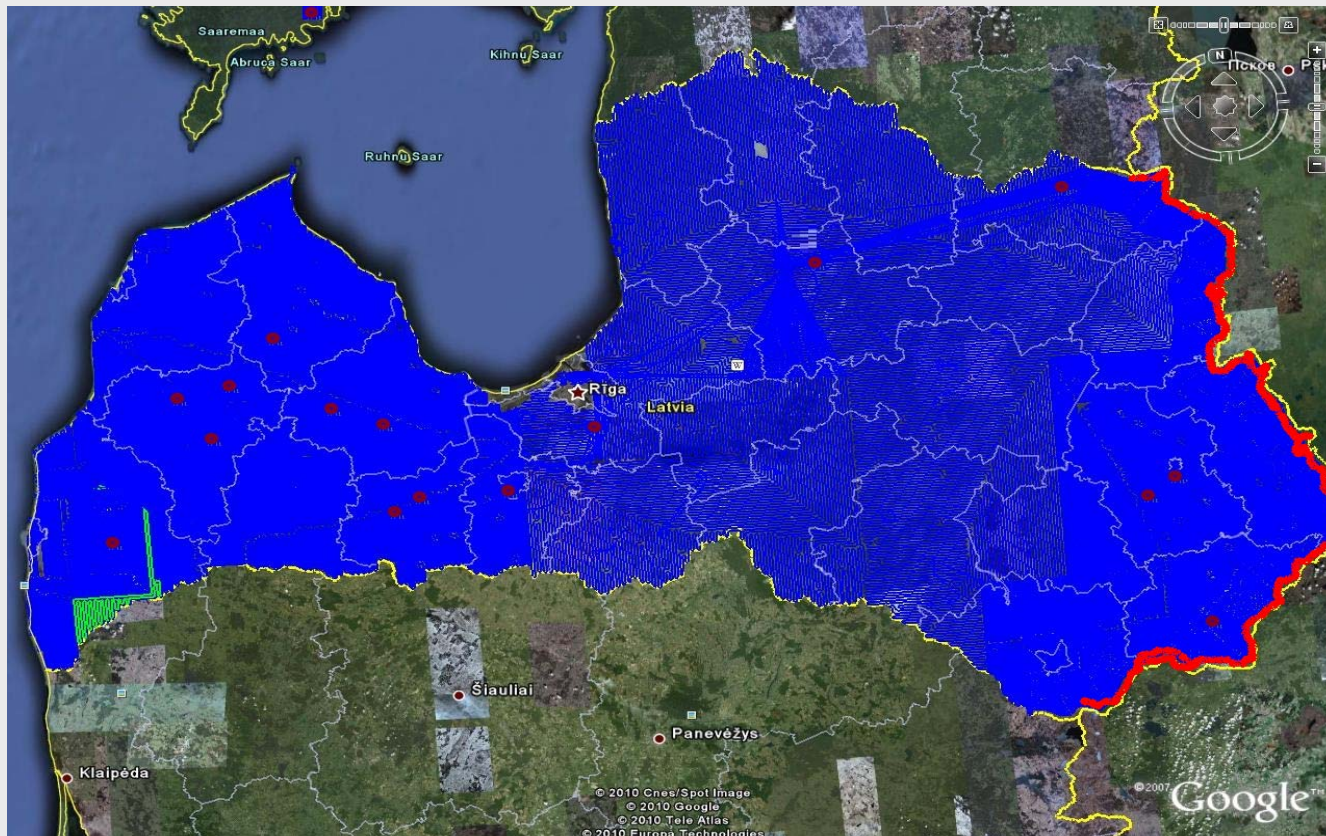
Vaccination campaign 2010 (1)

- **Spring vaccination** (17.04. – 24.05.)
 - Distance between flight lines 1000 meters.
 - Used **1 500 000** Fuchsoral baits.
 - 23.4 baits/km²
- **Autumn vaccination** (20.08. – 23.09.)
 - Vaccination with reduced flight lines (500 meters) was performed for 50 % territories of Latvia.
 - Additional 3 km border land vaccination 10.09. – 11.09. (2000 km²)
 - Used **1 700 000** Fuchsoral baits.
 - 26.5 baits/km²
- **Additionally – manual vaccine bait distribution in cities** (by FVS territorial units).



Vaccination campaign 2010 (2)

- Collaboration with **Latvian Border Guards** – to perform vaccination 3 km borderland with **Russia** and **Byelorussia** using helicopter (2000 km²).
- In territories where higher rabies infection was observed, **distance between flights was reduced from 1000 meters to 500 meters.**





Campaign control measures

- Each flight track registered by GPS.
- Each flight documented.
- Number of report is harmonized with flight track number.
- Recorded the date, time, distributed vaccines, area (km²) and signatures of responsible persons.
- Control of vaccination efficiency – from hunters purchased shouted foxes and raccoon dogs (4 animals to 100 km² territory).



Results of efficiency control of 2010 campaigns

FAT

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
1125	653	1778	0	0	0	0	0	0

LM

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
1260	689	1949	1112	88	574	83	1686	87

ELISA

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
1251	689	1940	900	71	510	74	1410	72

Summary: *In average, vaccine was consumed in 87 % and antibodies against rabies virus were detected in 72 % of the tested animals.*



Financial aspect

- Total eligible costs of implementation of 2010 rabies eradication programme
1 308 998 LVL (1 844 959 EUR)
- Financial contribution by the Community (Commission Decision 2009/883/EC of 26 November 2009)
1 400 000 EUR
- Amount to be reimbursed (75%)
1 382 759 EUR



Thank you for your attention!

