



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA KMETIJSTVO,
GOZDARSTVO IN PREHRANO

VETERINARSKA UPRAVA REPUBLIKE
SLOVENIJE

Rabies eradication program 2010

SCoFCAH, Brussels, 8 - 9 November 2011



Rabies eradication program

Multi annual program

- 2008 – 2012

Year 2010 – third year of the program

Modifications

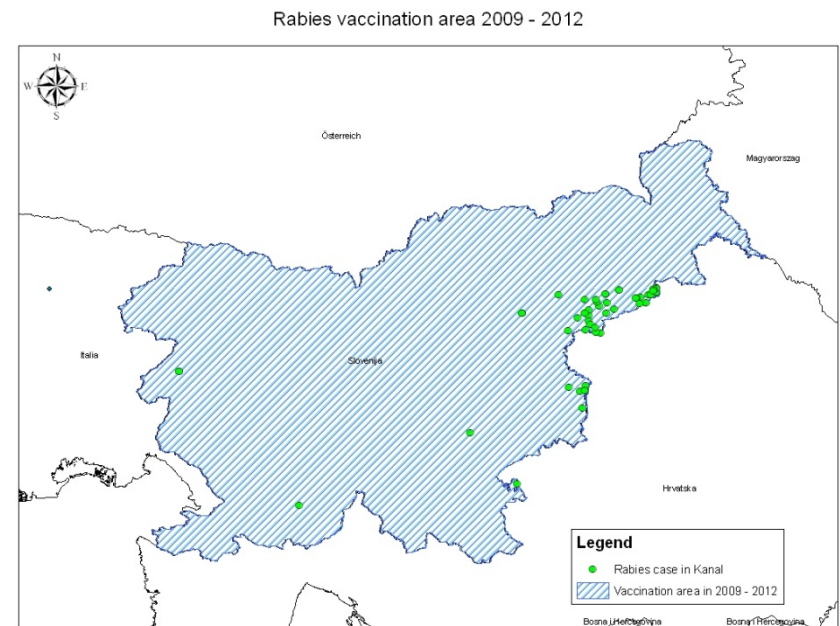
- Change in epidemiological situation regarding rabies in Slovenia and neighbouring countries
 - Extension of vaccination area
 - Intensified surveillance
 - Vaccination of grazing animals



Rabies eradication program

❑ Oral vaccination of foxes

- vaccination area
 - ❑ cca. 20.273 sqkm
- number of baits
 - ❑ 460.000 per campaign
- baiting density
 - ❑ 22 - 26 baits/sqkm
- distribution pattern
 - ❑ “cross” flights
- campaigns
 - ❑ spring campaign - late May, June
 - ❑ autumn campaign - October, November

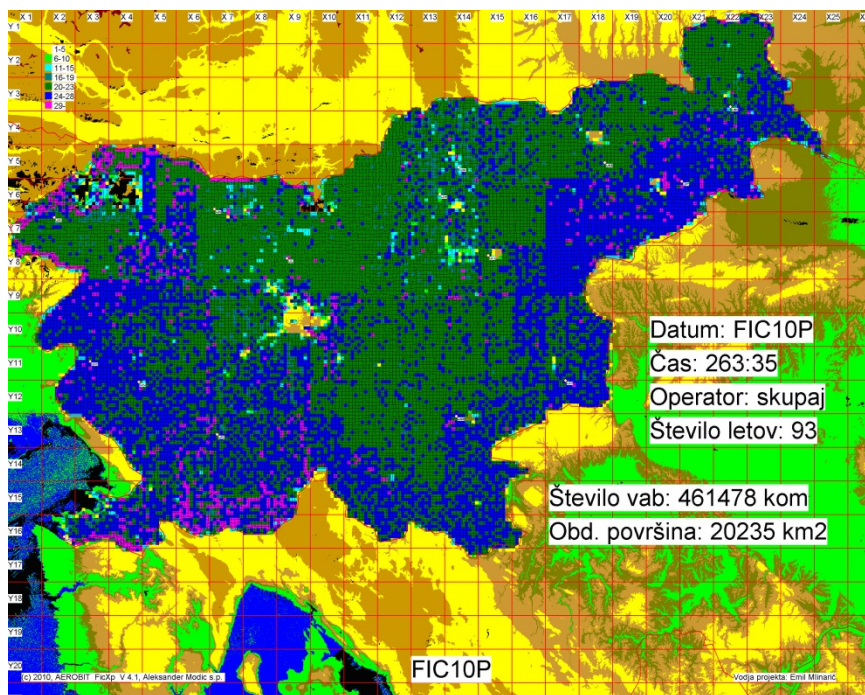




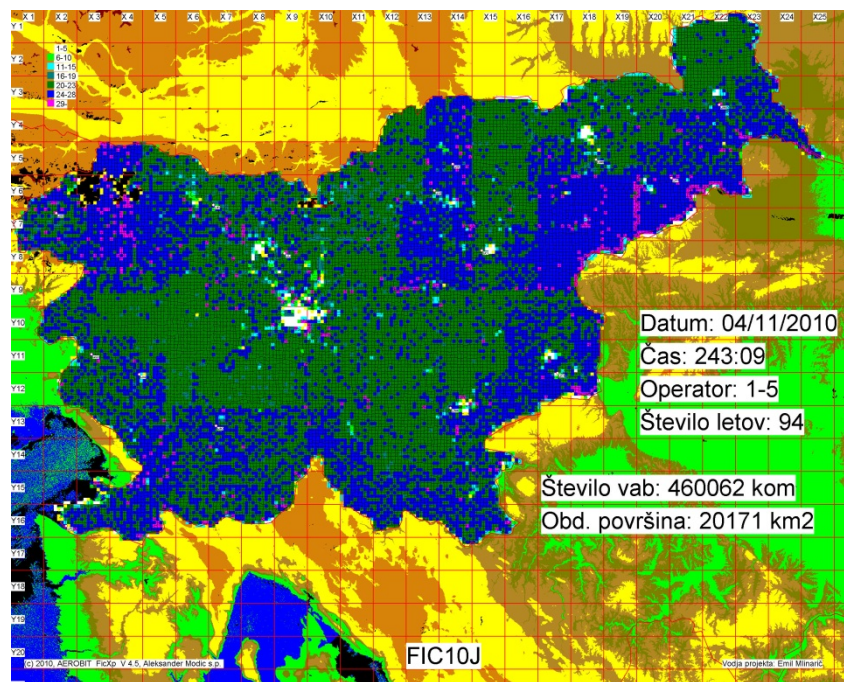
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Spring vaccination campaign 2010



Autumn vaccination campaign 2010





Surveillance and monitoring

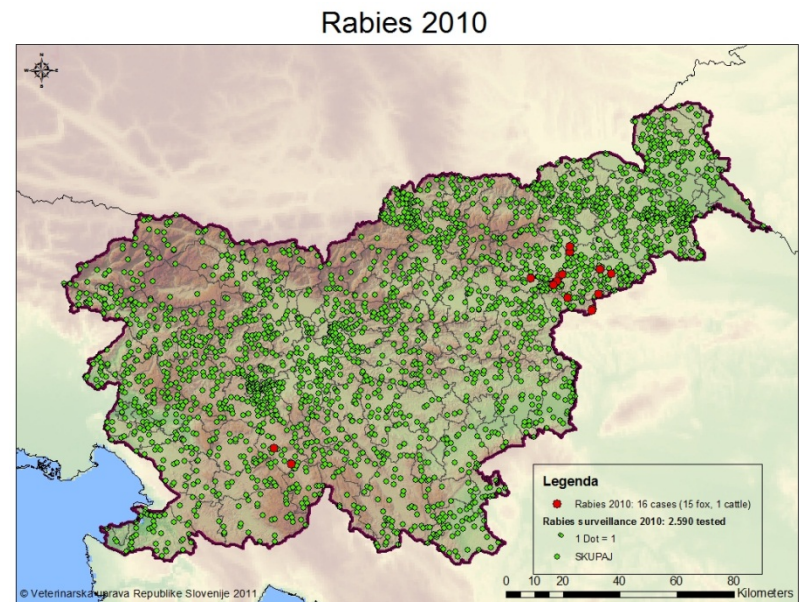
- all rabies tests are carried out by National Veterinary Institute (NVI)
 - FAT - for rabies confirmation
 - virus isolation
 - virus determination
 - AB-ELISA – efficiency of vaccination
 - Tetracycline – bait up-take
 - Titration of baits – suitability of baits
 - Age determination
 - FAVN – detection of AB titre



Evaluation of 2010 rabies eradication program

☐ Surveillance

- Number of tested animals
 - ☐ 2.590
- Number of tested foxes
 - ☐ 2.276
- Number of positives
 - ☐ 16 positive
 - 15 fox, 1 cattle





Evaluation of 2010 rabies eradication program

- ❑ Monitoring of efficiency of vaccination campaign
 - Bait up-take - determination of bio-marker TTC
 - ❑ 77,68 % (79,11 % over 1 year)
 - detection of antibodies in blood samples
 - ❑ 55,21 % (62,20% over 1 year)
 - Control of bait suitability
 - ❑ determination of virus titre in vaccine baits



Financial aspect

- ❑ Costs of implementation of 2010 rabies eradication program
 - Diagnostic tests
 - ❑ 147.392 €
 - Bait purchase
 - ❑ 552.000 €
 - Bait distribution
 - ❑ 386.400 €
- ❑ Community co-financing
 - Commission Decisions 2009/883/EU, 2010/732/EU
 - 75% for purchase and distribution of baits
 - 75% for diagnostic tests
 - » approved 830.000 €
 - » **787.000 €**



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☐ Thank you for your attention!