



Rabies eradication programme 2018

Standing Committee on Plants, Animals, Food and Feed

Brussels, 24 – 25 October 2019





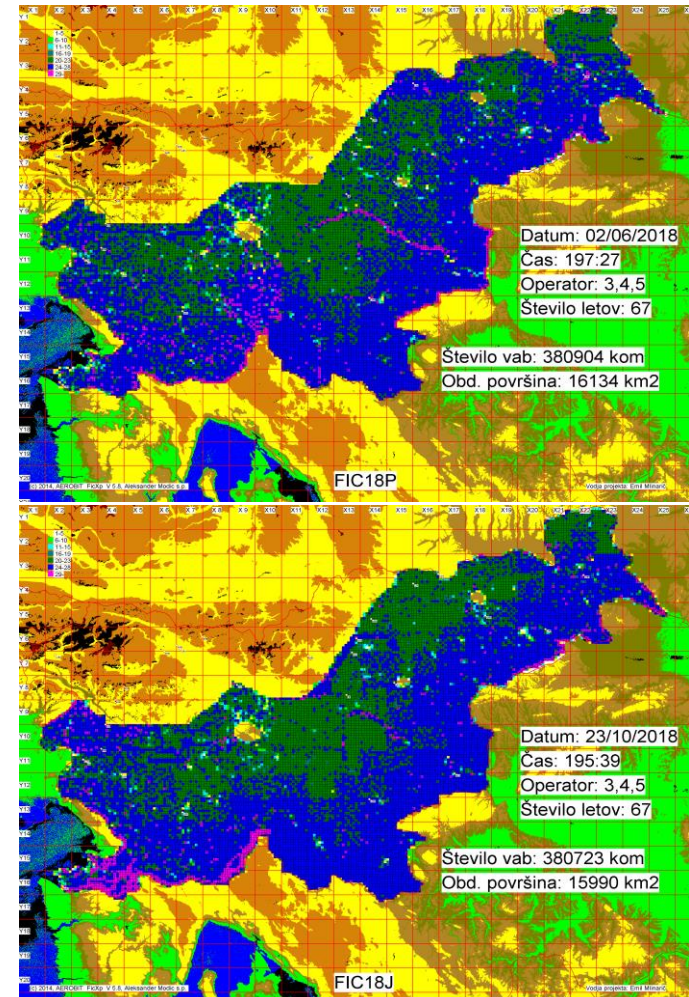
Rabies eradication programme 2014 - 2019

- Multi annual programme 2014 - 2019
 - Elimination of rabies
- Main components
 - ORV of wildlife
 - Surveillance
 - Emphasis on indicator animals
 - Monitoring
 - Efficiency and effectiveness of ORV
 - Awareness campaigns



Rabies eradication programme 2018

- Oral vaccination of foxes
 - vaccination area
 - cca. 15.600 sqkm
 - number of baits
 - 380.000 per campaign
 - baiting density
 - 22 - 26 baits/sqkm
 - distribution pattern
 - “cross” flights
 - campaigns
 - spring campaign
 - 10 May
 - Fucshoral
 - autumn campaign
 - 28 September
 - Fuchsoral, Rabitec



Evaluation of 2018 rabies eradication programme

• Surveillance

– Number of tested animals for the presence of rabies

• 1.308 animals

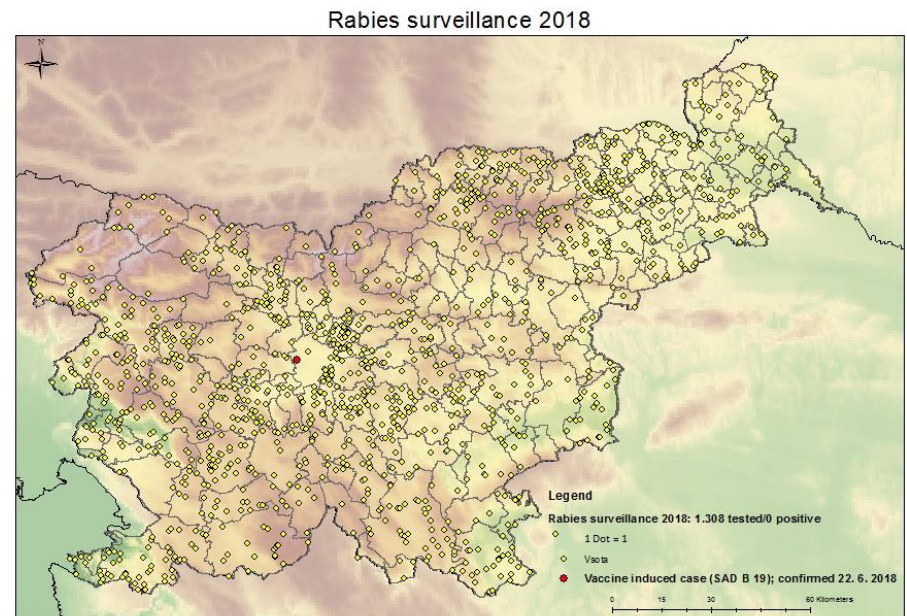
– 356 surveillance

– 952 healthy hunted (ORV)

– Number of positives

• 0

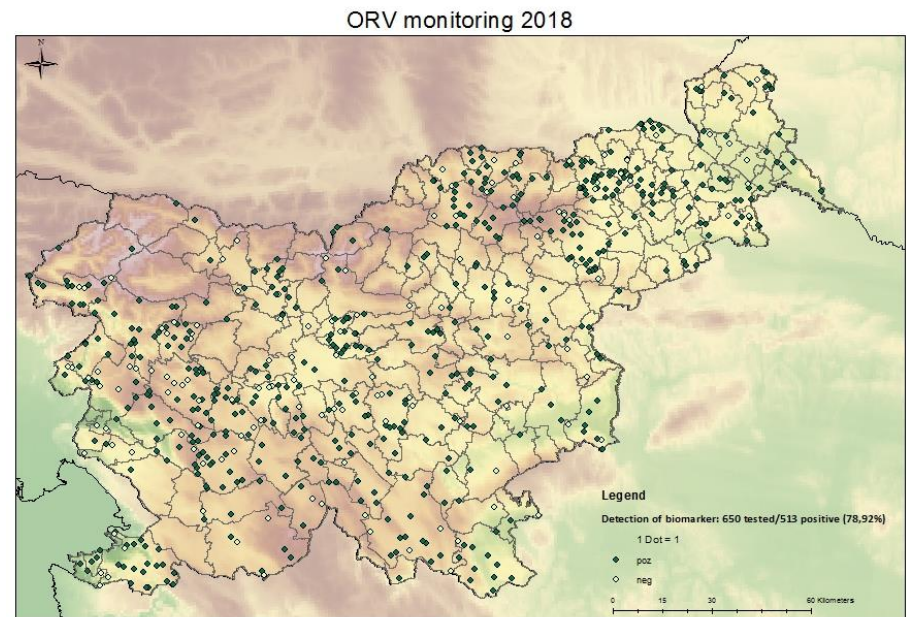
– 1 fox - vaccine induced case SAD B-19





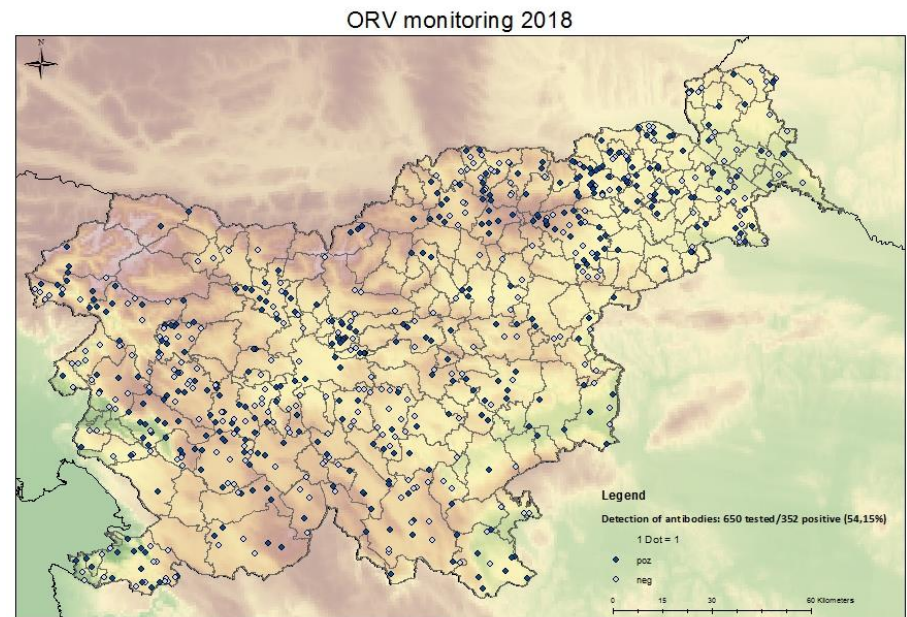
Evaluation of 2018 rabies eradication programme

- Monitoring of efficiency of vaccination campaign
 - Bait up-take - determination of bio-marker TTC
 - 78,92 %
 - 77,9 % < 1 year
 - 83,2 % > 1 year



Evaluation of 2018 rabies eradication programme

- Monitoring of efficiency of vaccination campaign
 - Detection of antibodies in blood samples
 - 54,15 %
 - 52,95 % < 1 year
 - 59,20 % > 1 year





Evaluation of 2018 rabies eradication programme

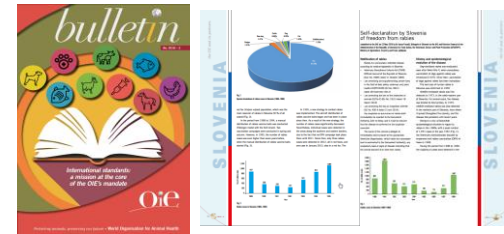
- Monitoring of efficiency of vaccination campaign
 - Control of bait suitability
 - determination of virus titre in vaccine baits before and during distribution
 - 5 vaccine batches tested
 - All acceptable
 - » Titer higher than 10^6 FFU/ml





Overall assessment

- Rabies eradication programme successful
 - Last indigenous case of rabies in January 2013
 - OIE self-declaration in 2016
 - Last regular ORV campaign
 - Autumn 2019
 - Action plan for further activities
 - Disease awareness
 - Emergency vaccine stock





- Thank you for your attention!

