

Rabies control/eradication programme Finland in 2010

Standing Committee of the Food Chain and Animal Health
Animal Health and Welfare

8.11.2011

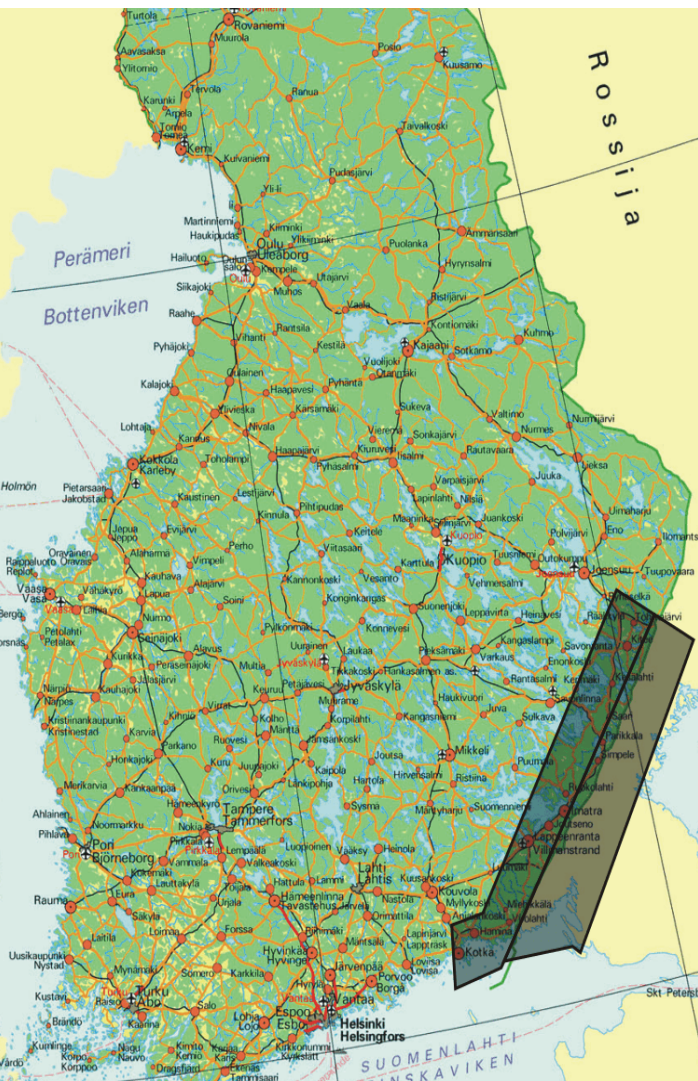


Vaccination against rabies in 2010

In Finland a total of 160 000 *Rabigen SAG2* vaccine baits were distributed aerially at a density of 20 baits/km² on the Finnish territory along the Russian border

In Russia a total of 81 350 *Sinrab* vaccine baits were distributed by hand with the assistance of local hunters on the Karelian and Leningrad regions along the Finnish border





Vaccine campaigns were carried out

in Finland

spring 26.4. – 6.5.2010

autumn 30.9. – 9.10.2010

in Karelia

autumn 5 - 31.10.2010

in Leningrad

spring along the EE border (*Oralrabivac*)

autumn 16 - 21.10.2010

The total size of vaccination area is approximately 9 000 km²



Program duration and objective

- Border vaccination in Finland on same area since 1991
- Border vaccination on the Russian side of the border since 2003

To prevent incursions of disease into Finland from Russia through the oral vaccination of wild carnivores in vaccination area along the common borders.

The effectiveness of immunisation will be assessed through monitoring activities



Surveillance in 2010

Finland

490 animals (54 domestic animals)

132 suspected animals (aggressive, found dead etc.)

153 animals in the vaccination area

Karelia

36 animals (4 domestic animals)

16 animals in the vaccination area

Leningrad

148 animals (13 domestic animals)

27 animals in the vaccination area



Monitoring of vaccination campaigns in the vaccination area

1) Bait uptake- TC - biomarker

Finland (Evira)

107 animals - 59 % TC positive

Leningrad - bait uptake estimation 70 %

2) Herd immunity - seroconversion (titres >0.5 IU/ml)

Finland (Evira)

78 animals - 31 % seropositive

Karelia (ARRIAH)

20 animals - 65 % seropositive

