



Results of the implementation of the Rabies co-financed eradication programme in 2020

ESTONIA

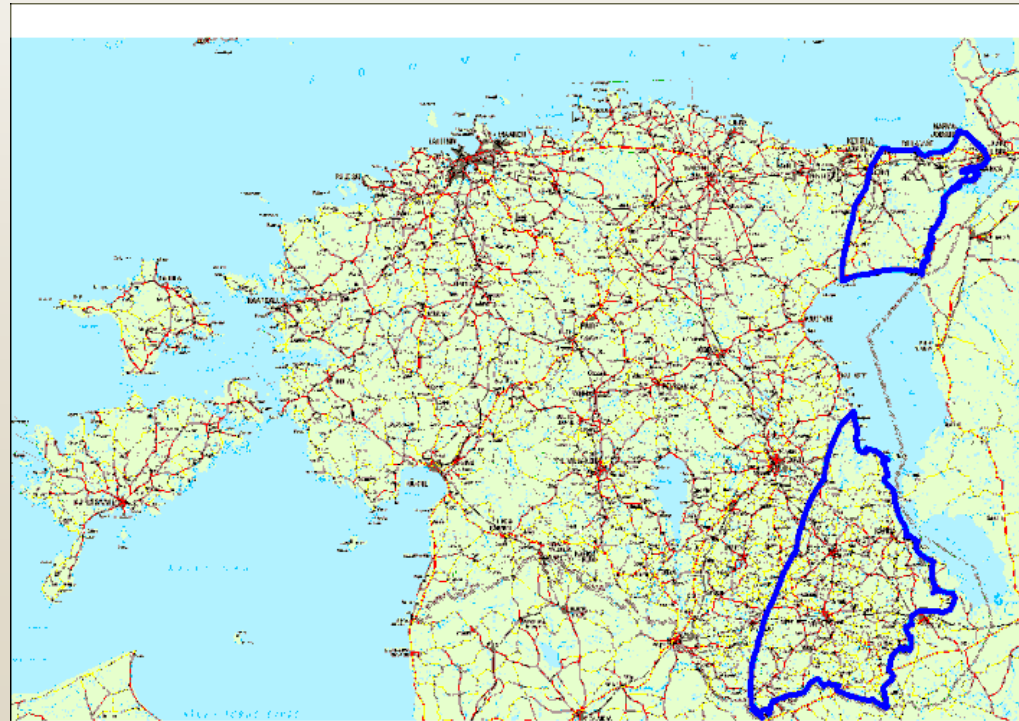
Standing Committee PAFF
23-24 September 2020

Enel Niin



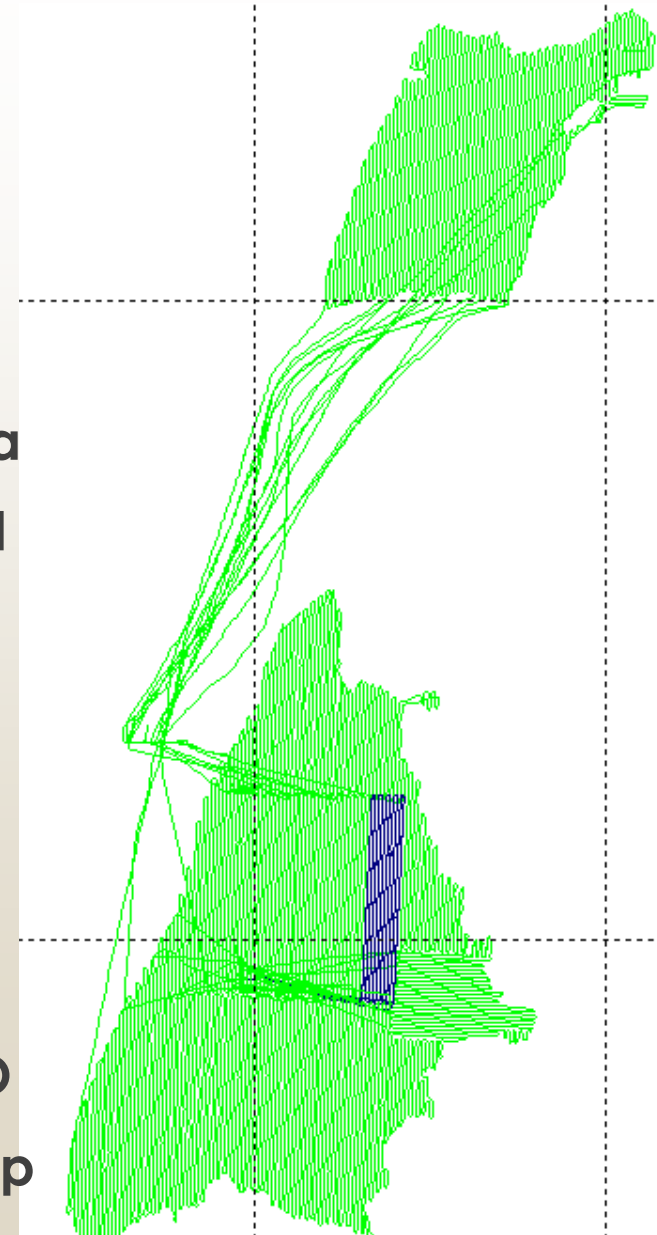
ORV in 2019, vaccination area

- ▶ Buffer-vaccination between Estonia and Russian Federation to prevent reintroduction of rabies
- ▶ Depth of immune –belt:
 - ▶ 30 km in north –east of river Narva bordering Leningrad Region
 - ▶ 50 km in south-east bordering by land with Pskov Region
- ▶ Area suitable for bait-dropping 6 100 km²
- ▶ 244 00 baits distributed per year



ORV in 2019, vaccination strategy

- 2 seasonal campaigns:
 - Spring - from 13th to 18th May
 - Autumn- 16th to 21th of September
- Baiting density: 20 baits/km² Rabitec
- Cessna 172, GPS recording of flight data
- Bait- dropping by trained staff by hand
- Dropping lines distance- 550-600m
- Altitude form ground – 100- 150 m
- Flight speed – 160 - 180 km/h
- Continuous checks on maintenance of the cold-chain
- Titration of baits-OIE RL for Rabies/WHO Collaborating Centre FLI before bait-drop



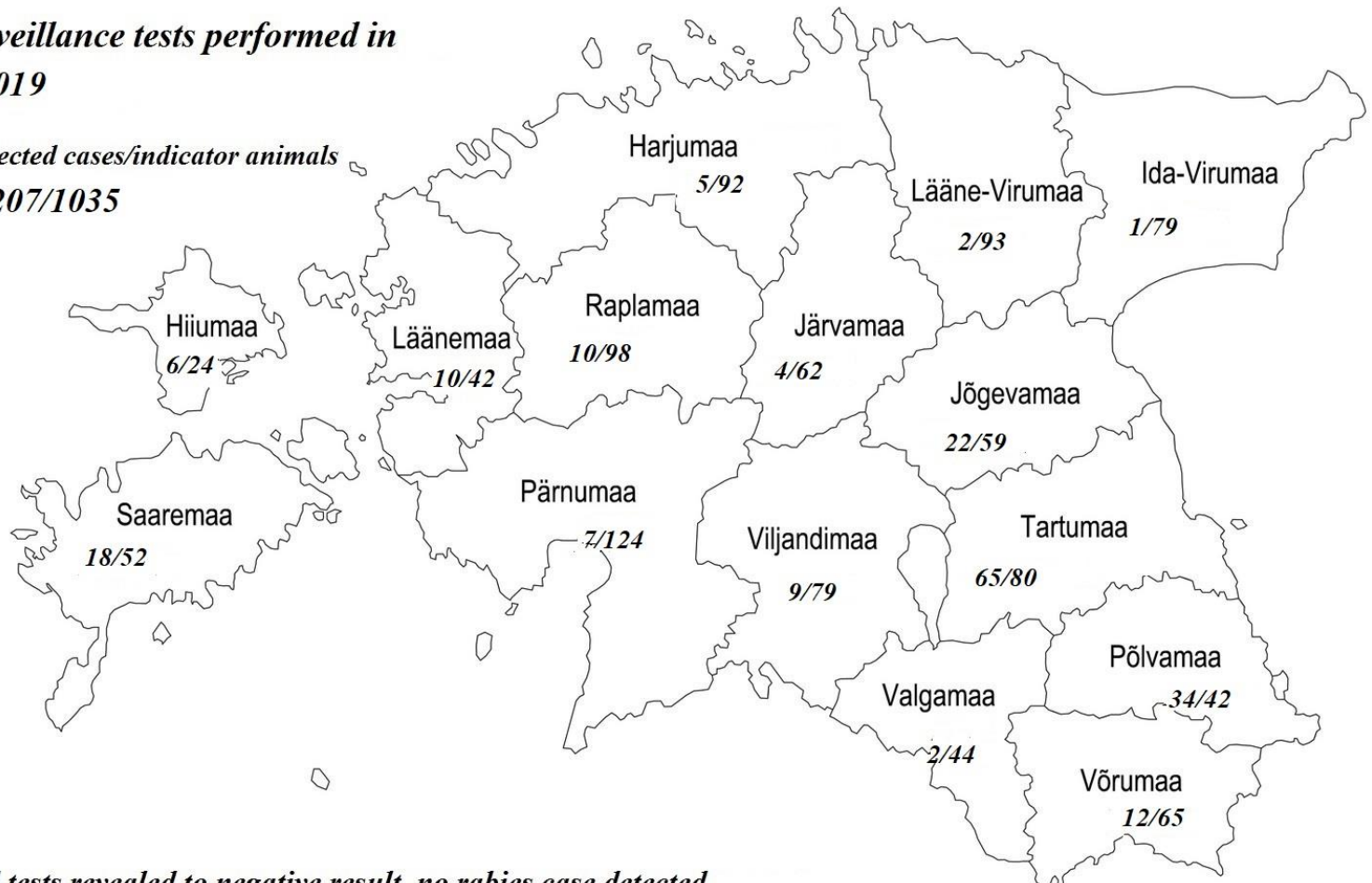
Surveillance in 2019

Indicator animals tested: 1035, 479 foxes/556 raccoon dogs

Suspected animals tested for virus: 207, wildlife- 177/domestic- 30

*Surveillance tests performed in
2019*

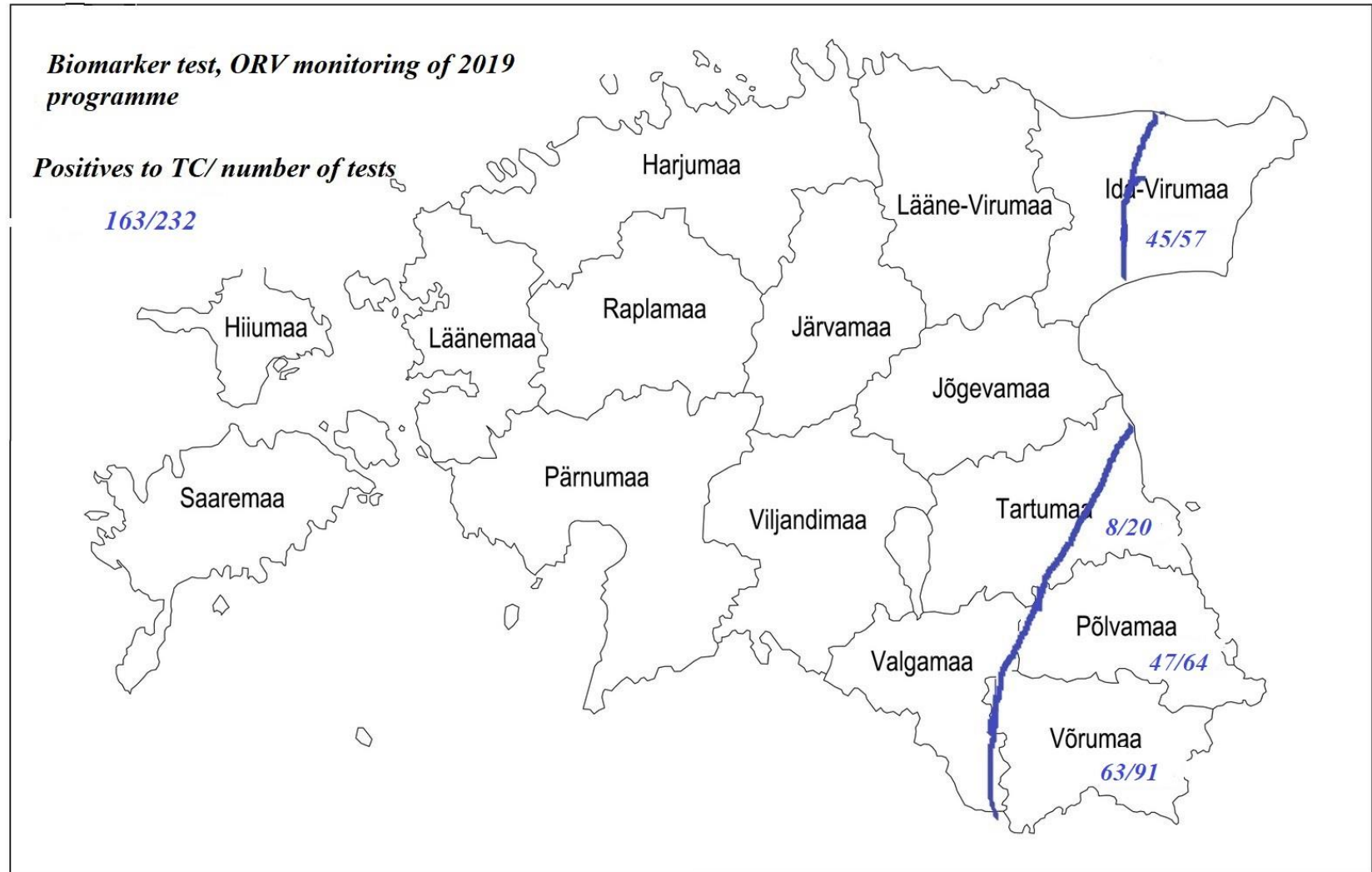
*Suspected cases/indicator animals
207/1035*



All tests revealed to negative result, no rabies case detected.

Results of marker detection in 2019

- ~70% of tested animals found positive,
- ~ 68 % of foxes / ~ 73 % of racoon dogs



Results of seroconversion in 2019

- ~38% of tested animals found positive,
- ~ 33 % of foxes / ~ 43 % of racoon dogs

*Serological tests, ORV monitoring
of 2019 programme*

Positives to AB/number of tests

87/232



Challenges faced

- **Two seasonal campaigns performed as planned**
- **Distribution pattern and baiting density kept strictly as in previous years**
- **Number of surveillance samples high**
- **Number of monitoring samples collected 3,8 animals/100 km²**
- **Good co-operation with Estonian Hunters Organisation**
- **ORV monitoring results moderate**
- **No rabies case found despite of intensive surveillance in all areas of the country**



Thank you for attention!