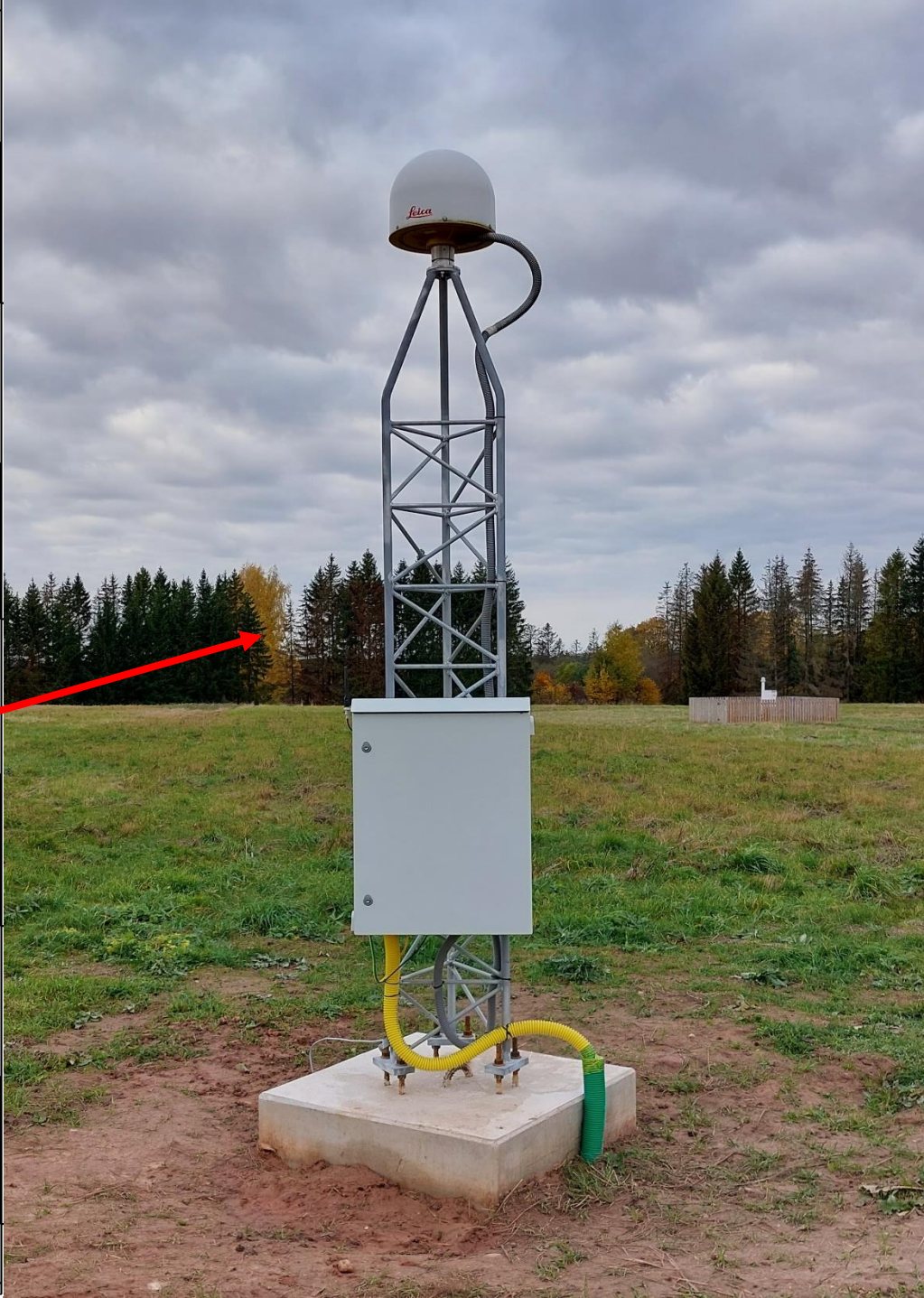
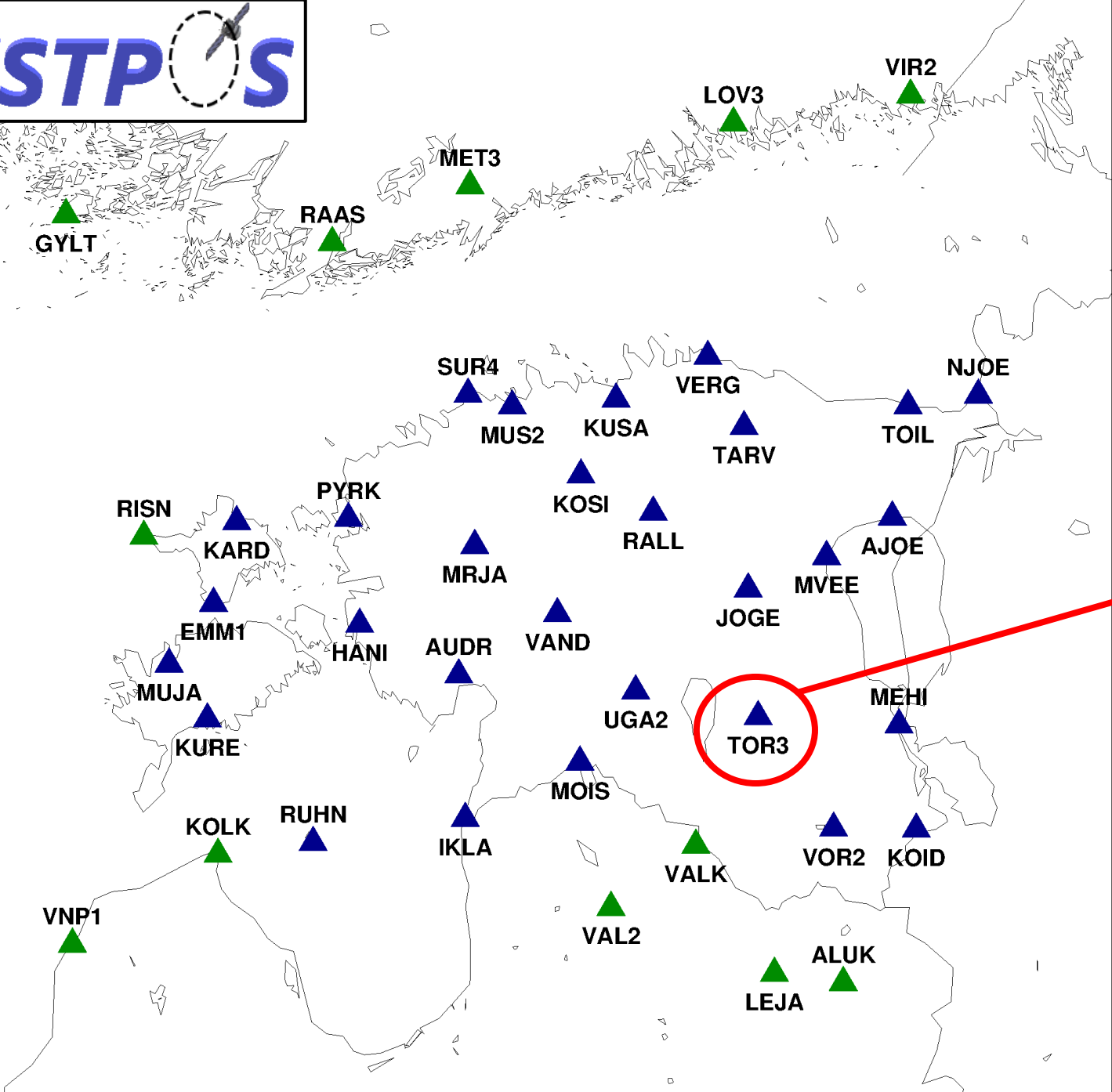




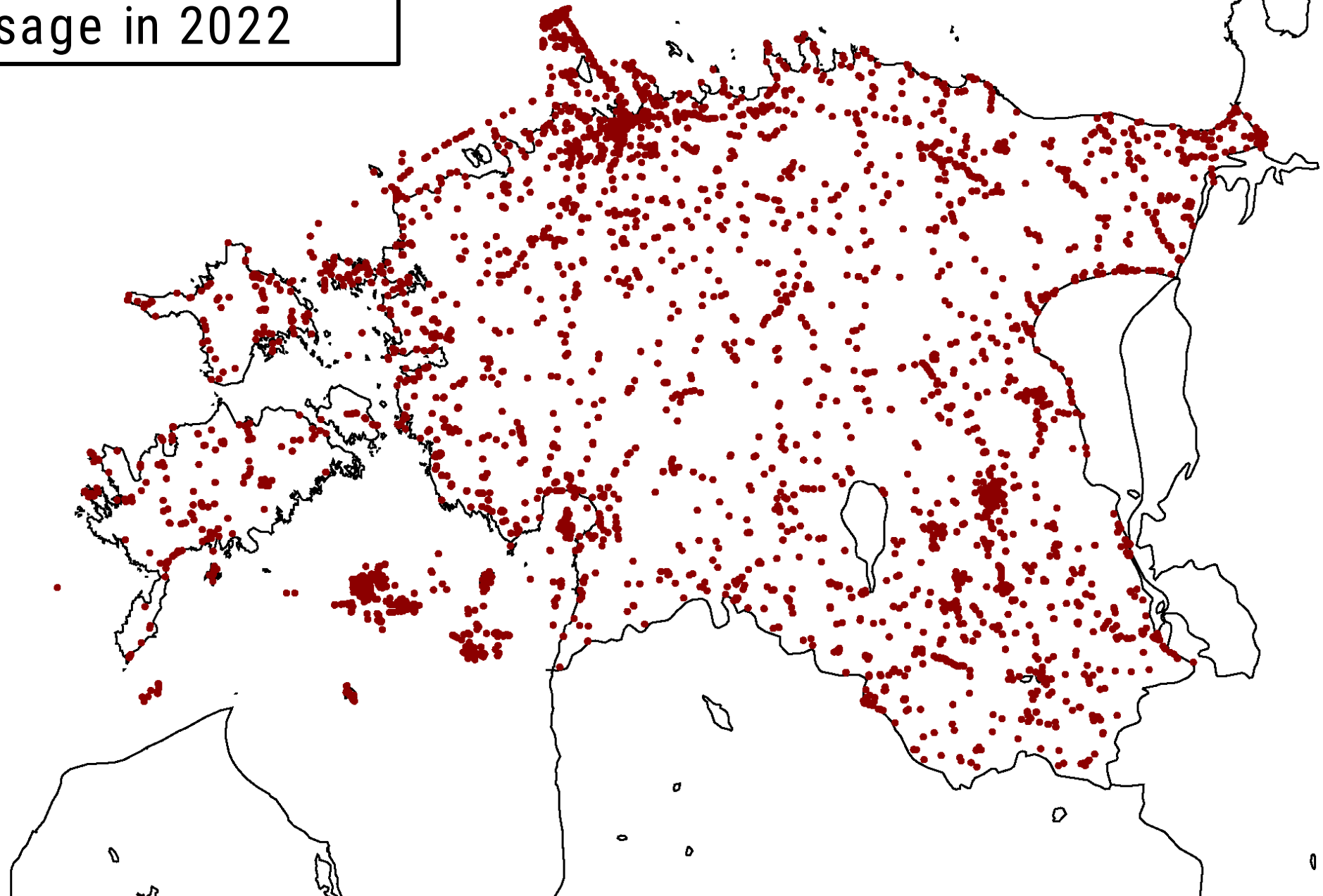
MAA-AMET 

# National report Estonia 2022



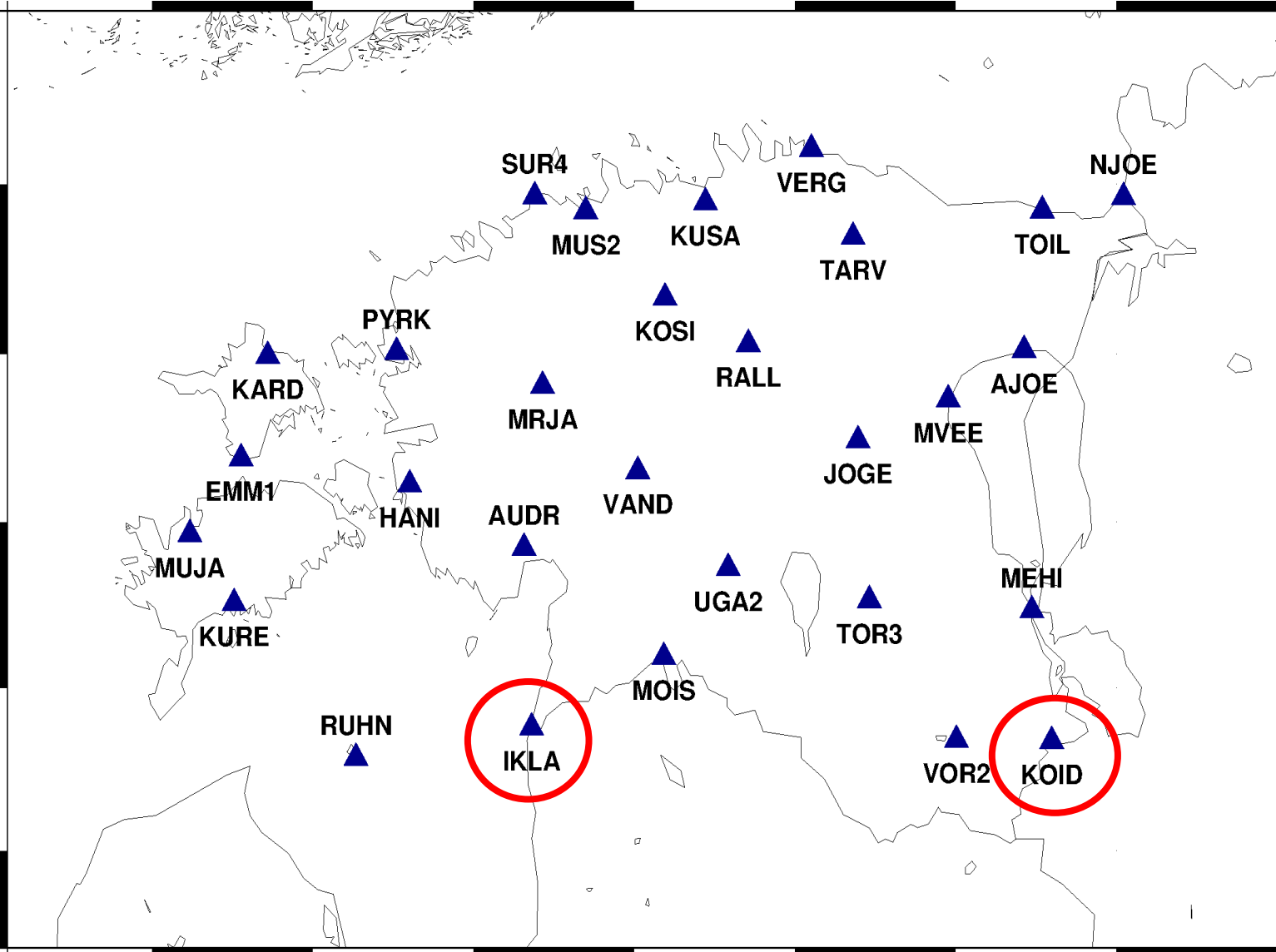
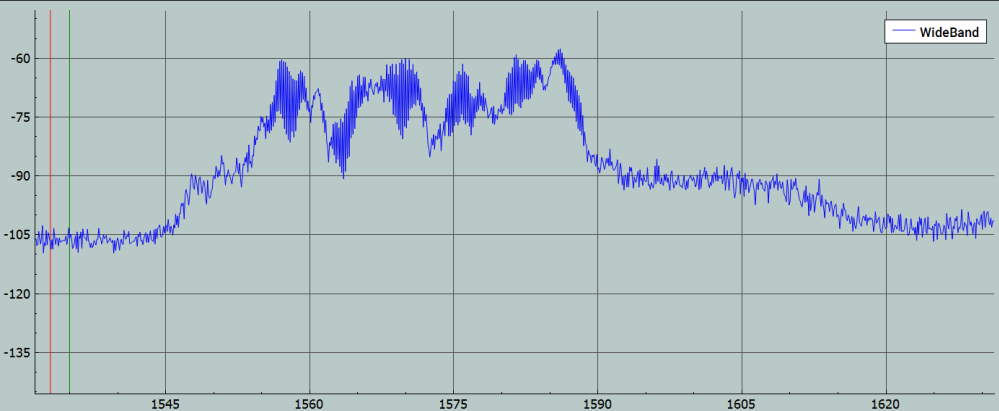


ESTPOS RTN  
usage in 2022



# GNSS Interference

- Two Leica GR 50 receivers
- Interference Toolbox
- Automatic interference detection and notifications
- Regular interference events

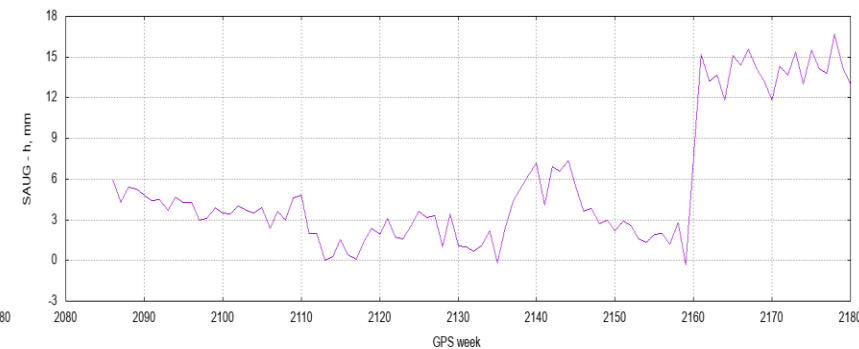
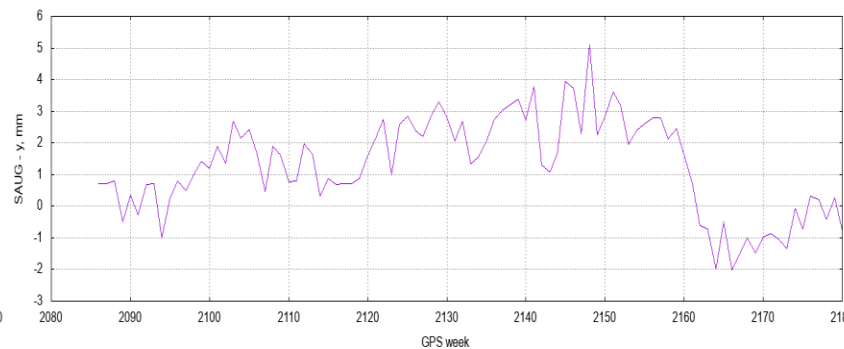
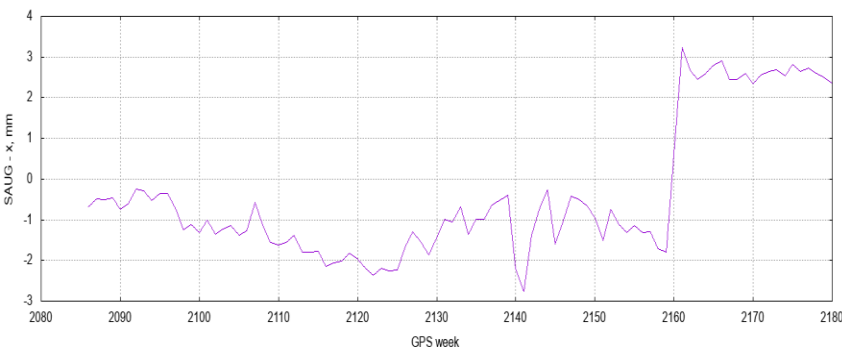
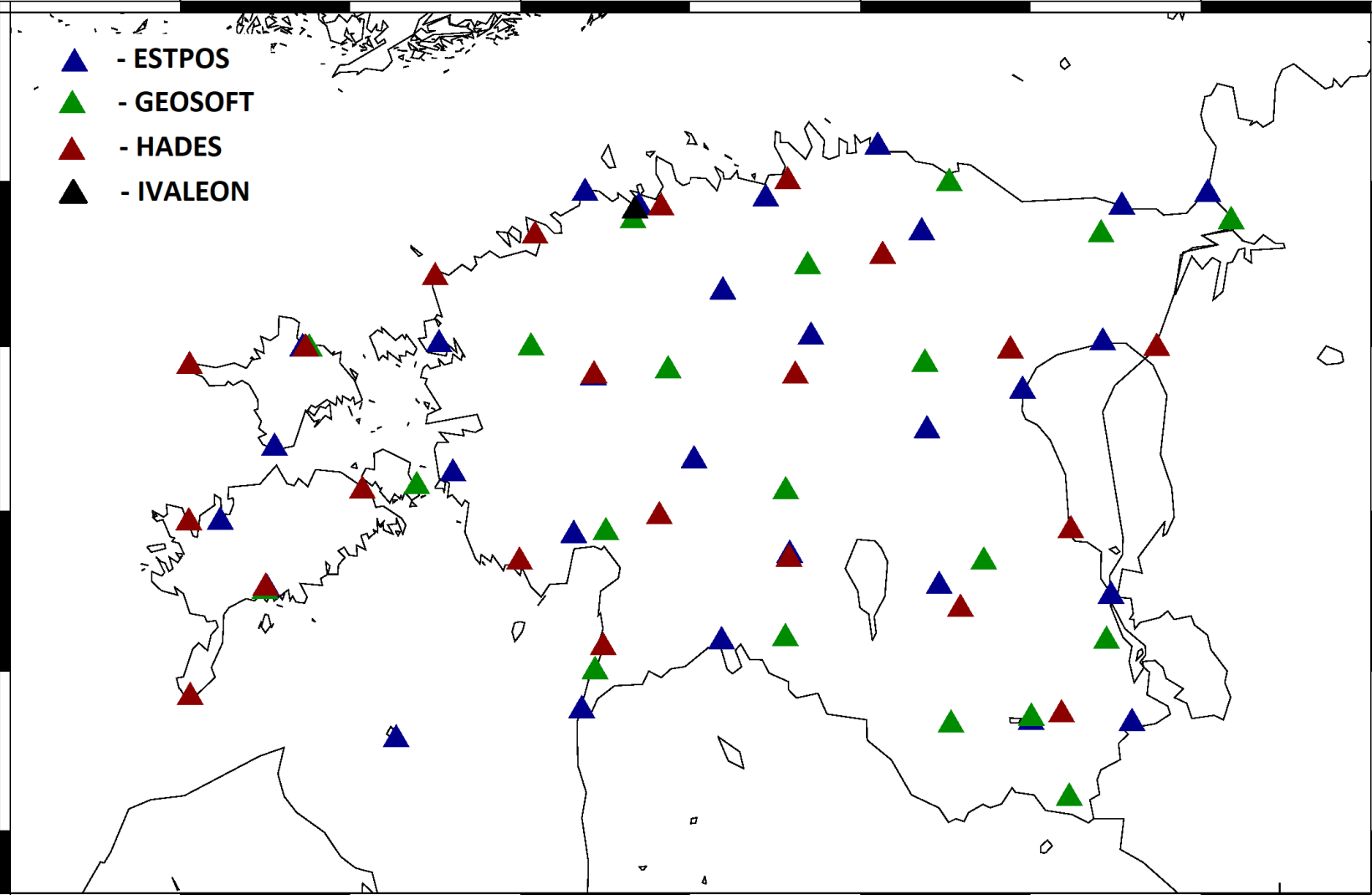


1834655 - Eventlog - (GMT+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius

```
2022-08-17 19:16:45.06 | Interferences on RF Paths: L1 have ended
2022-08-17 19:11:46.06 | Interference detected - RF Path: L1, Cent. Freq: 1593.07 [MHz], Bandwidth: 0.29 [MHz], Est. Power: -63.98 [dBm], Highest est. power spec. density: -113.16 [dBmHz]
2022-08-17 16:58:37.03 | Interferences on RF Paths: L1 have ended
2022-08-17 16:53:38.03 | Interference detected - RF Path: L1, Cent. Freq: 1586.18 [MHz], Bandwidth: 0.29 [MHz], Est. Power: -59.07 [dBm], Highest est. power spec. density: -107.96 [dBmHz]
2022-08-17 16:53:07.03 | Interferences on RF Paths: L1 have ended
2022-08-17 16:48:10.03 | Interference detected - RF Path: L1, Cent. Freq: 1586.15 [MHz], Bandwidth: 0.51 [MHz], Est. Power: -60.27 [dBm], Highest est. power spec. density: -109.68 [dBmHz]
2022-08-17 16:43:07.02 | Interference detected - RF Path: L1, Cent. Freq: 1586.18 [MHz], Bandwidth: 0.44 [MHz], Est. Power: -59.16 [dBm], Highest est. power spec. density: -108.52 [dBmHz]
```

# Monitoring of GNSS stations

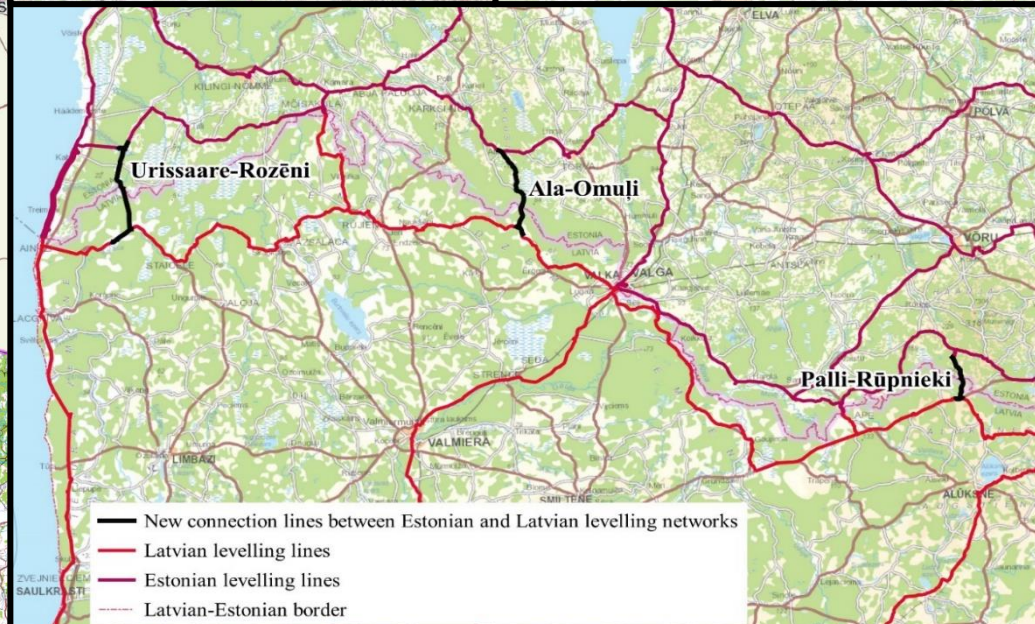
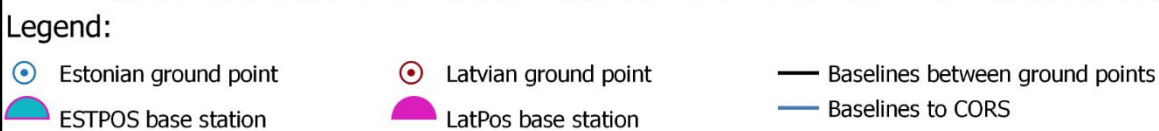
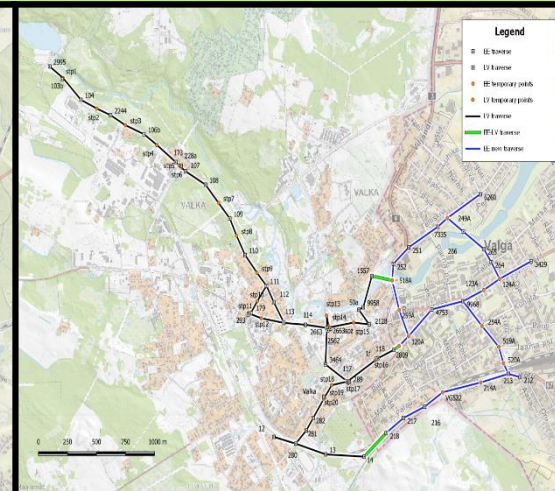
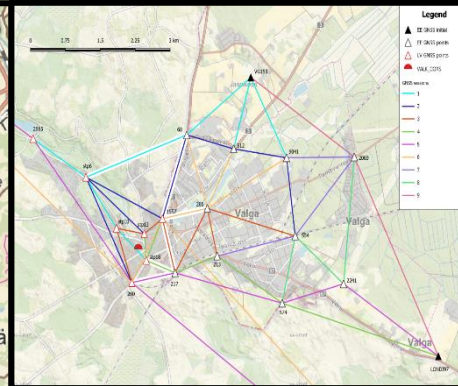
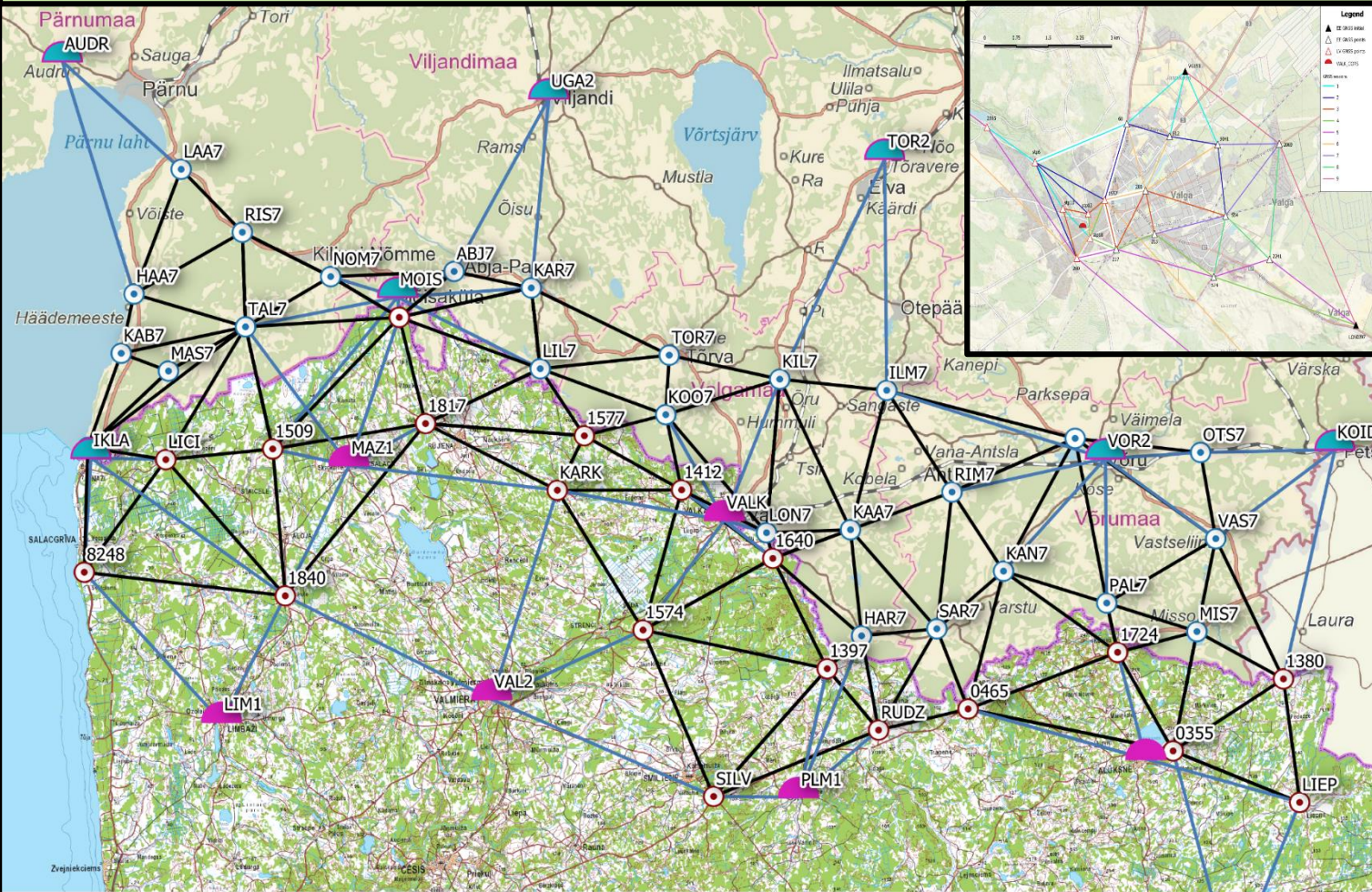
- ESTPOS + 3 commercial networks
- Total of 72 stations
- Weekly Bernese solution
- No official agreements
- No official services



# GeoRefAct: Estonian-Latvian collaboration project



**Interreg**  
Estonia-Latvia  
European Regional Development Fund



# GeoRefAct: Estonian-Latvian collaboration project



**Interreg**  
**Estonia-Latvia**  
European Regional Development Fund



EUROPEAN UNION

