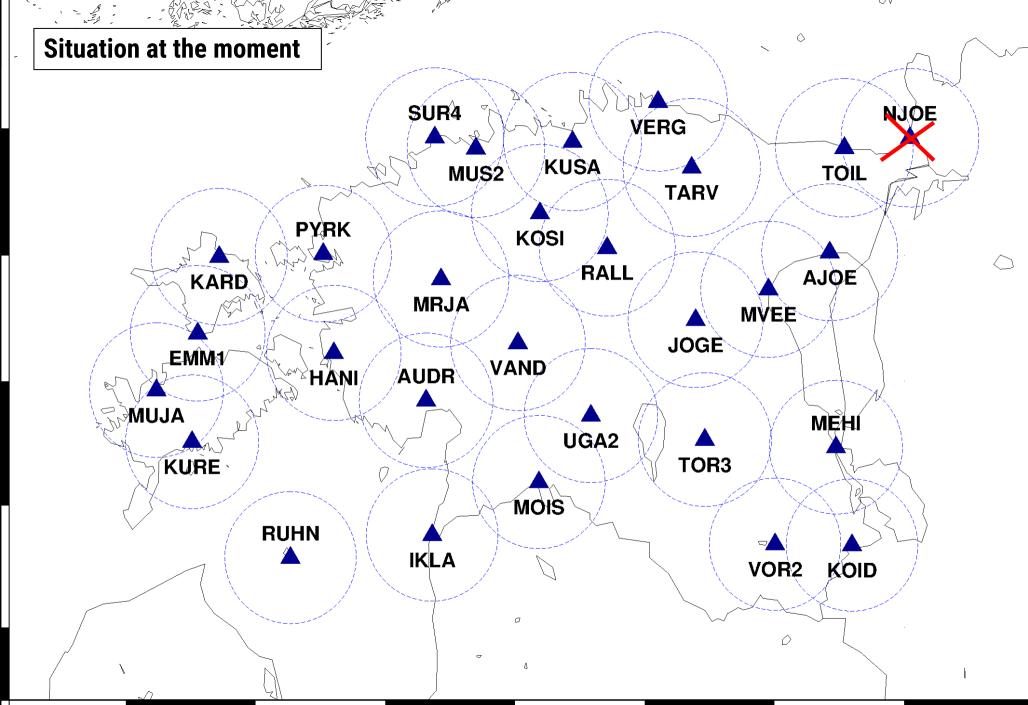


National report Estonia 2024



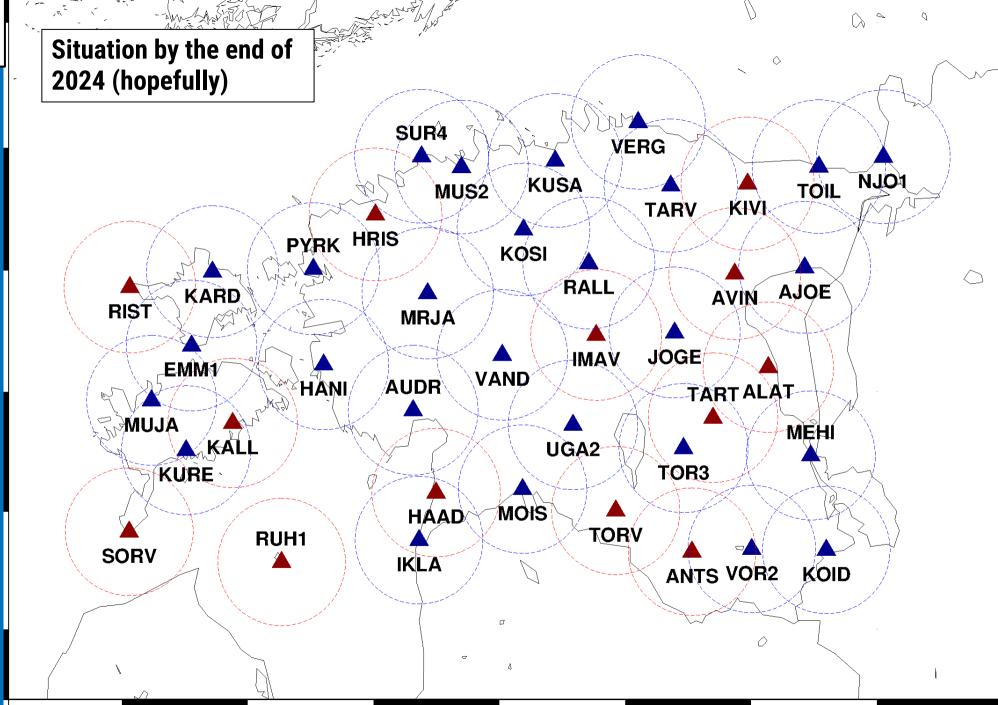
- 28 stations
- Leica GR25 and 2xGR50
- Leica AR25
- No Beidou
- MikroTik routers



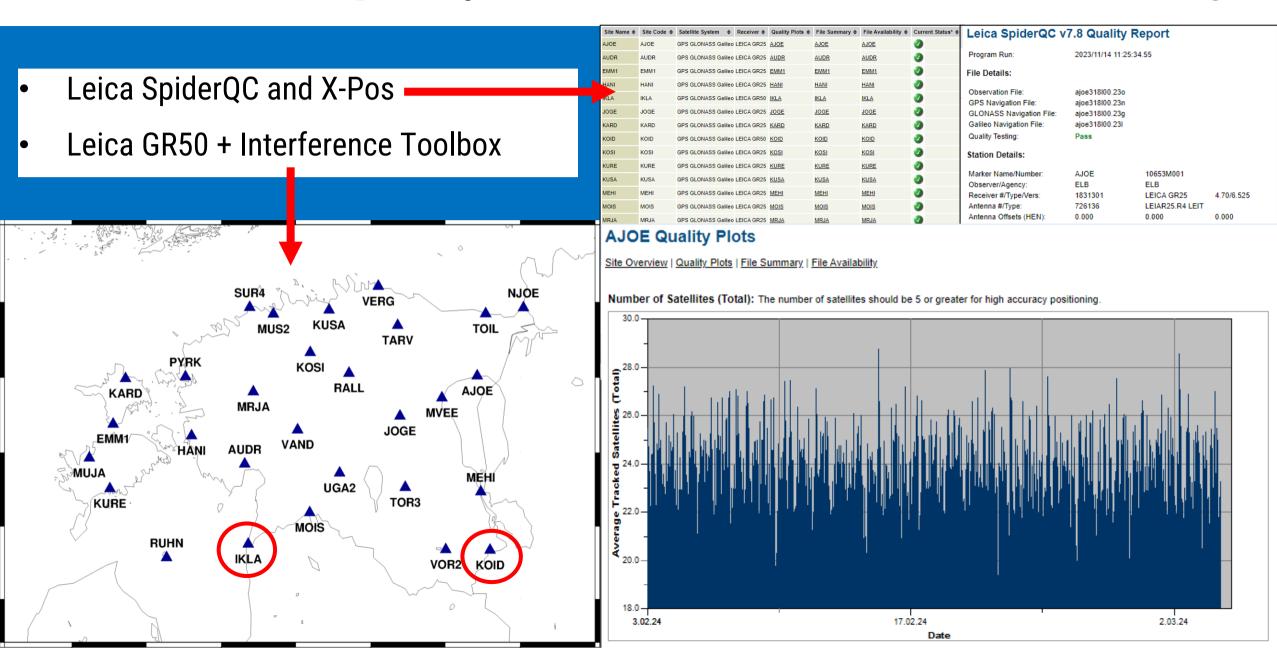




- REPowerEU
- Open tender
- 40 stations
 - 11 new
 - 2 relocated
- Leica GR50 receivers
- Leica AR25 antennas
- Beidou
- MikroTik
- Free to all?

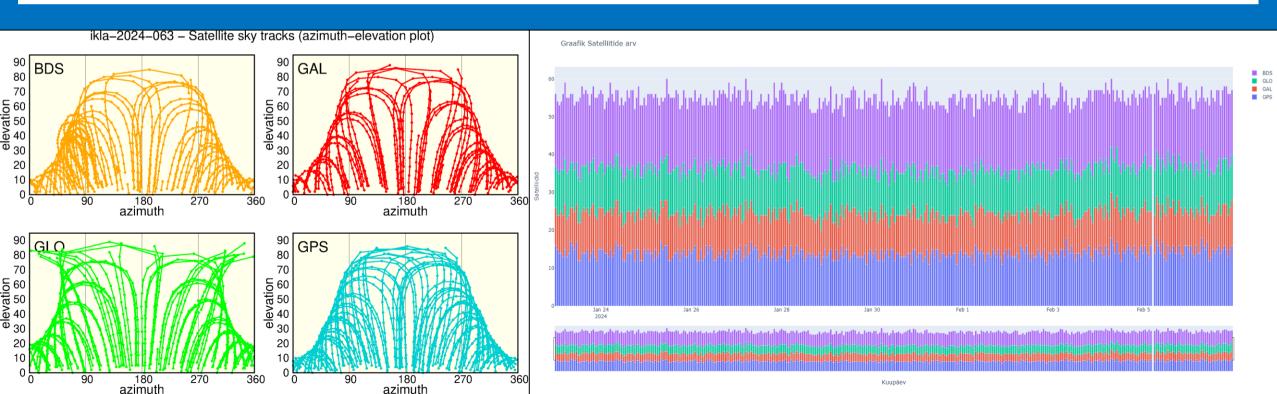


ESTPOS data quality and GNSS interference monitoring



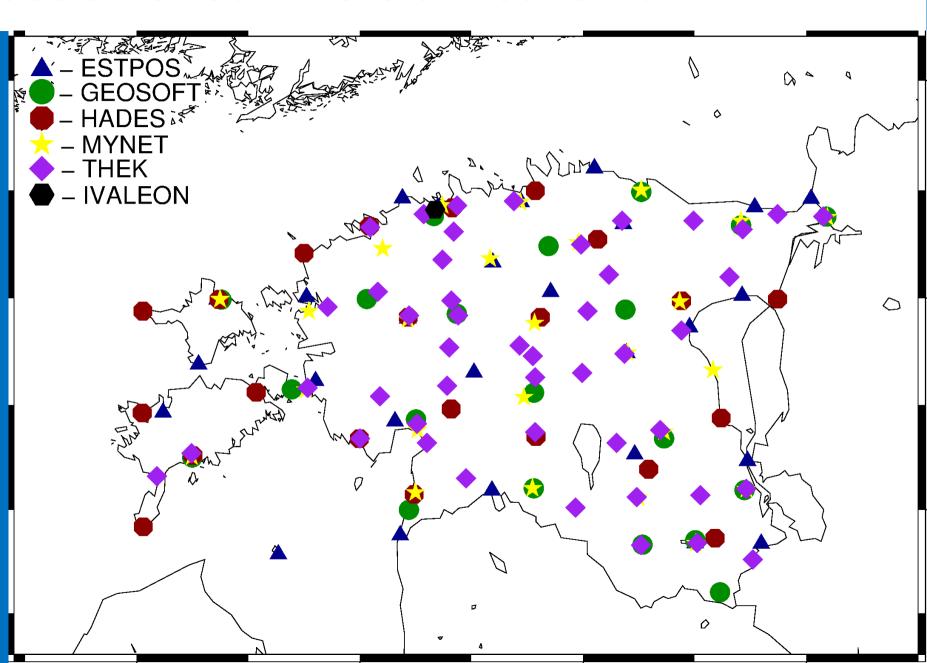
ESTPOS data quality and GNSS interference monitoring

- Anubis, Perl, Python -> output to a website
- Daily skyplots from 24h30s data
- 30-day interactive graphs based on 1h1s data (nr satellites, cycle slips, multipath, SNR, DOP)
- Near real-time output for SNR in the future



Validation of commercial networks

- ESTPOS will be the basis
- 4+1 commercial networks
- ~140 stations
- Bernese GNSS software
- Official legislation changes are underway
- Regular inspection once a year, otherwise as is needed



GNSS computations

Operational

- On track, delays only due to vacation
- ESTPOS + 11 IGS/EPN (~40 stations)
- 99% automatic

• Repro2

- Started and running
- GPS week 1408 (same as repro1)
- 2 years done, 14 to go
- What do we upload to the FTP exactly?

Official stuff

- Since July of 2023 Land Board is officially under the rule of Ministry of Regional Affairs and Agriculture (before it was the Ministry of Environment)
- Since August of 2023 Karin Kollo has been also the acting head of the Photogrammetry department. A new department on the basis of Geodesy and Photogrammetry called the Department of Geodesy and Aerial survey was formed.

 2025? – On the basis of Land Board a new state office called Land and Spatial Board (Maa- ja Ruumiamet or MARU) will be created. It will bring together all the land and spatial data authorities from different state offices to form a new competence center