



MAA-AMET

National report of Estonia

Karin Kollo
Estonian Land Board

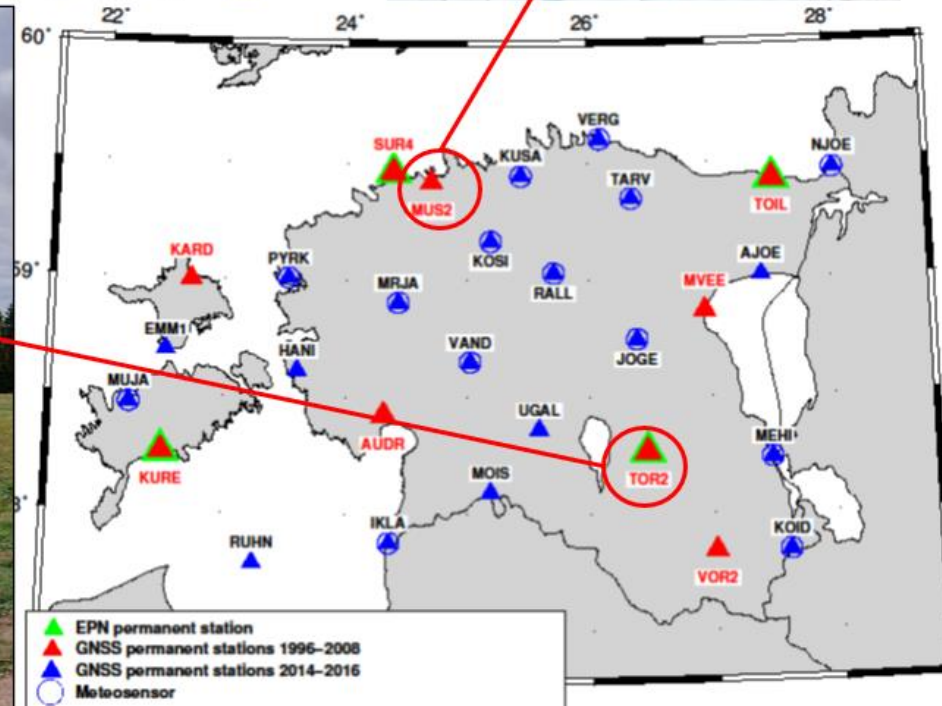
EUREF Symposium, 24-25 May 2023, Gothenburg, Sweden

Active geodetic network

Active – ESTPOS

- ✓ TOR200EST → TOR300EST
- ✓ Antenna spike
- ✓ Secure VPN connections

ESTPOS



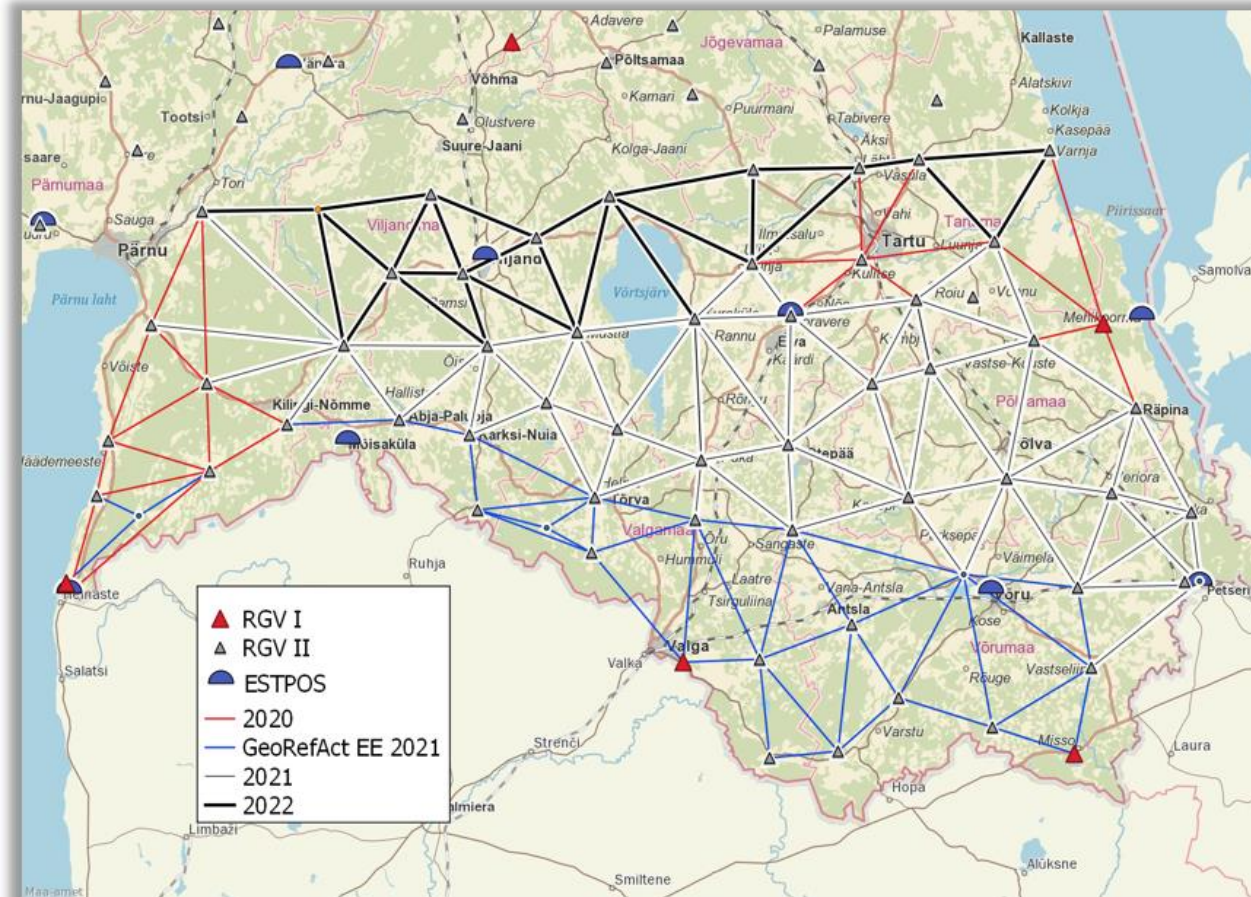
Passive geodetic network

Assessment of national geodetic network (I and II order)

✓ 25% of GNSS passive network re-measured

Maintenance of geodetic marks

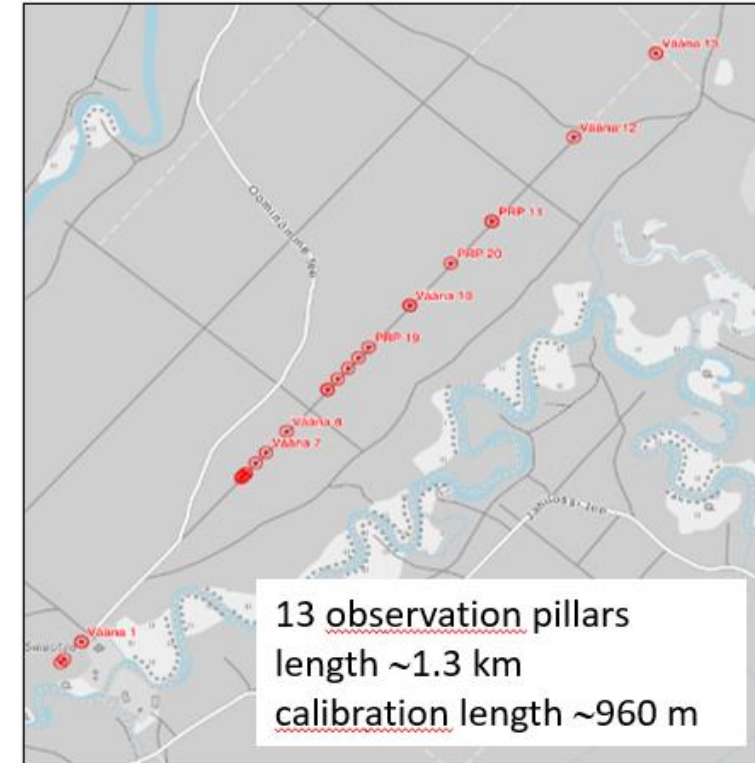
✓ Inspection and trimming



Geodetic metrology

Geodetic metrology

- ✓ Remeasurement of the geodetic baseline May 2022
- ✓ Distances in all combinations, Leica TS60
- ✓ New scale transfer from FGI Nummela baseline August 2022

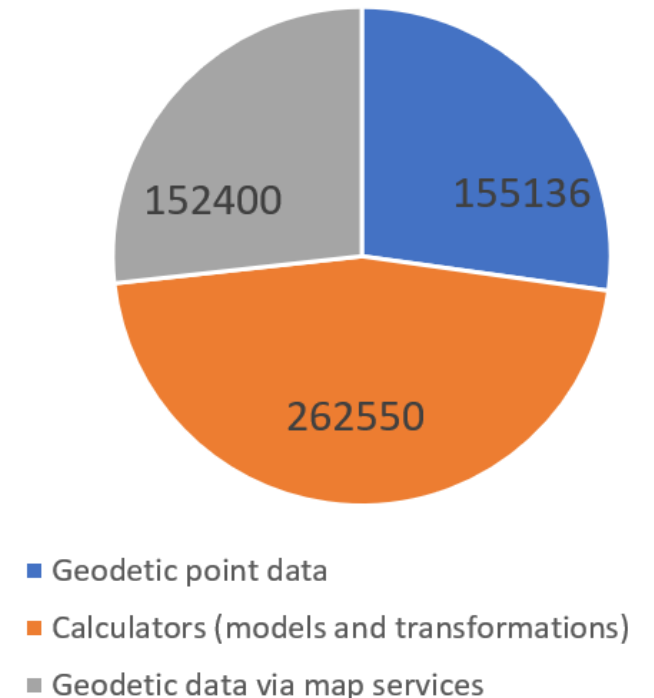


Geodetic Point Database

Geodetic point database

- ✓ Web-service for geodetic points
- ✓ Web-service for models and transformations
- ✓ API
 - ✓ Geodetic points
 - ✓ Calculators

Web-services for geodetic data



Estonian-Latvian cooperation

Interreg V-A Estonian-Latvian programme

Project „Harmonization of Estonian and Latvian geodetic systems in border areas“ (GeoRefAct)

Project period 2021-2022

Estonian Land Board and Latvian Geospatial Information Agency

Activities – measurements and computations

- National GNSS networks

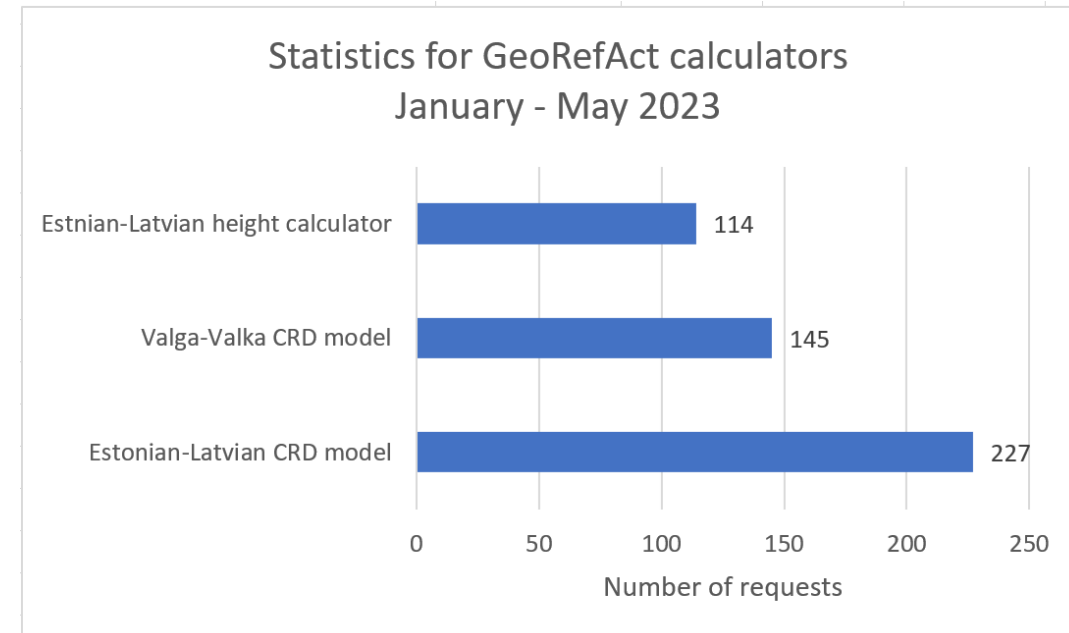
- Connections to national levelling networks

- Valga-Valka local network

- Gravity survey in Northern Latvia

Results

**Coordinate and height transformation models
and free web services**



In the field of Geomatics

Photogrammetry

- ✓ Aerial camera/Laserscanning
- ✓ Ortophotos

Spatial data

- ✓ Estonian Topographic Database

Geoinformatics

- ✓ Map web-services
- ✓ WMS/WFS services

Geo3D

Estonian Land Board's spatial data
open data
free of charge





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Further questions

Karin.Kollo@maaamet.ee

