



MAA-AMET 30



# National Report ESTONIA

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Department of Geodesy, Estonian Land Board

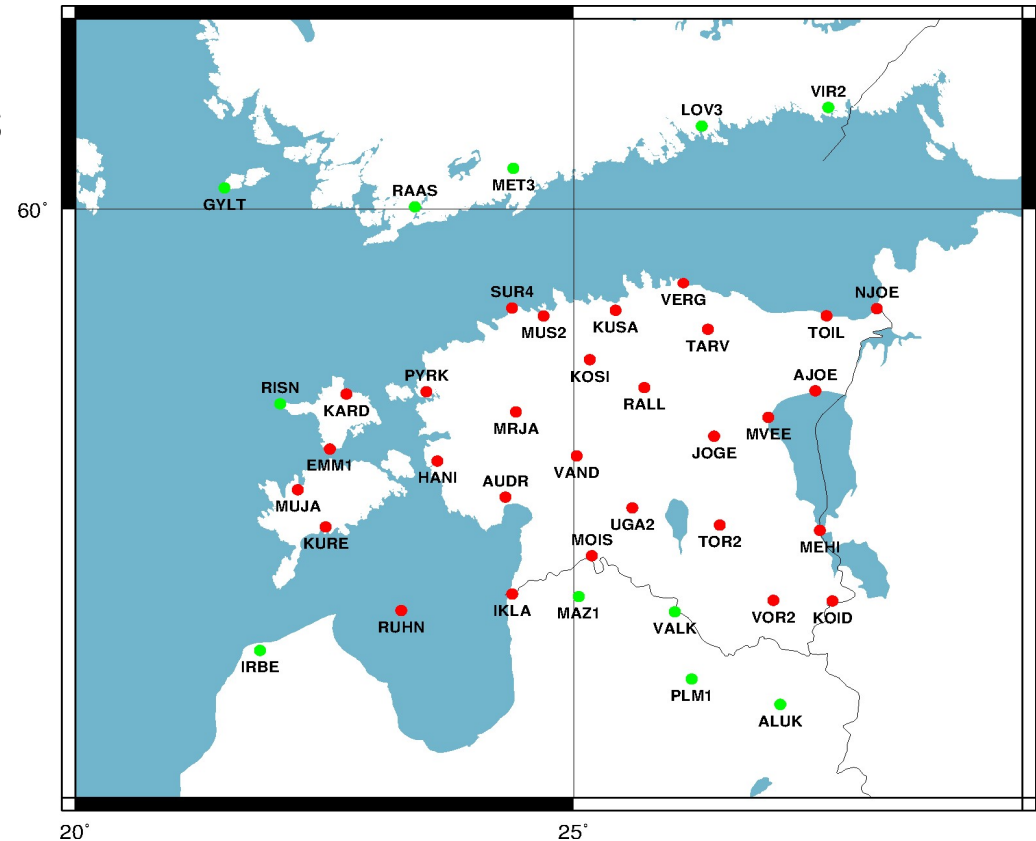
7th EUPOS Technical Council  
November 9–10, 2021



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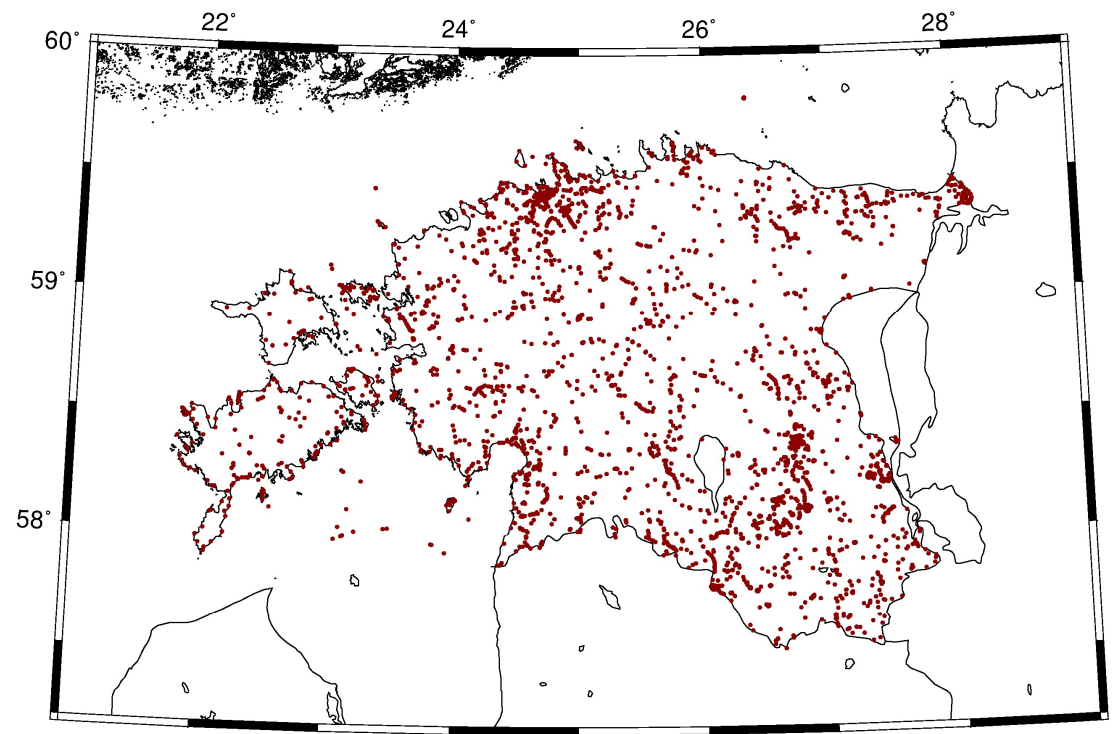
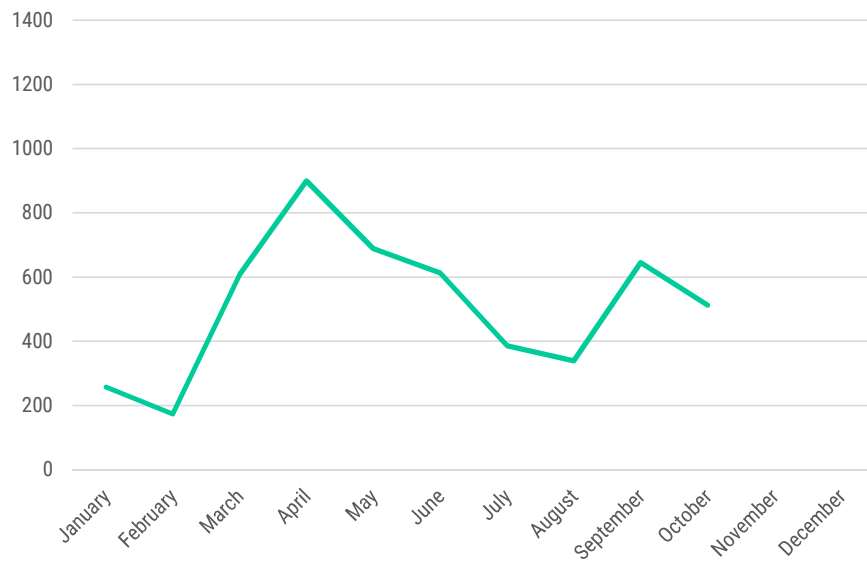
# ESTPOS

- 29 ELB operated stations
- 10 stations from neighbouring countries
- 1 station from Maritime Administration
- GPS+GLONASS+GALILEO
- 14 meteosensors





2021



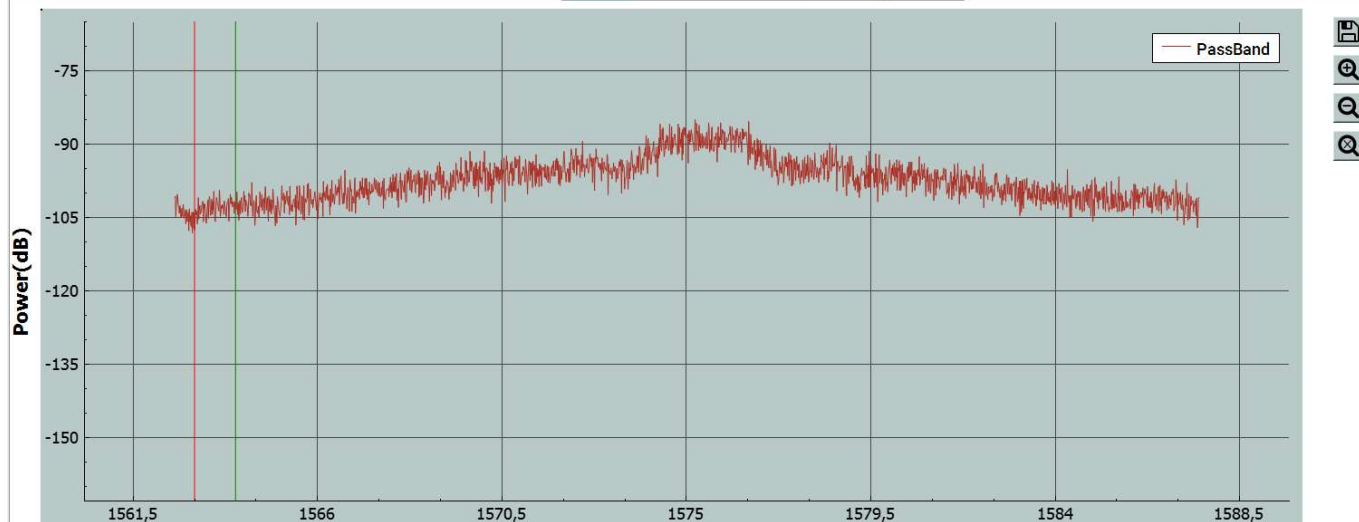


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- MOIS - new equipment (GR25/AR25)
- Two GR50 receivers + Interference Toolbox
- MUS2 – antenna spike



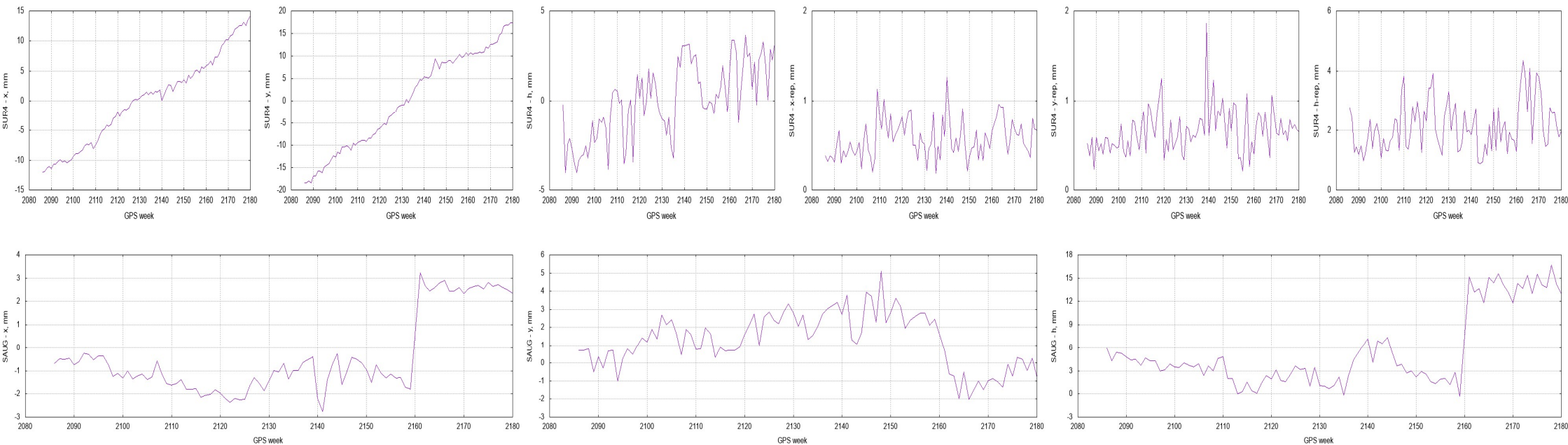
#### Analysar & Mitigation





# Monitoring of GNSS stations

- ESTPOS + commercial networks (Trimble and Topcon)
- No official agreements
- No official services





# Estonian-Latvian cooperation

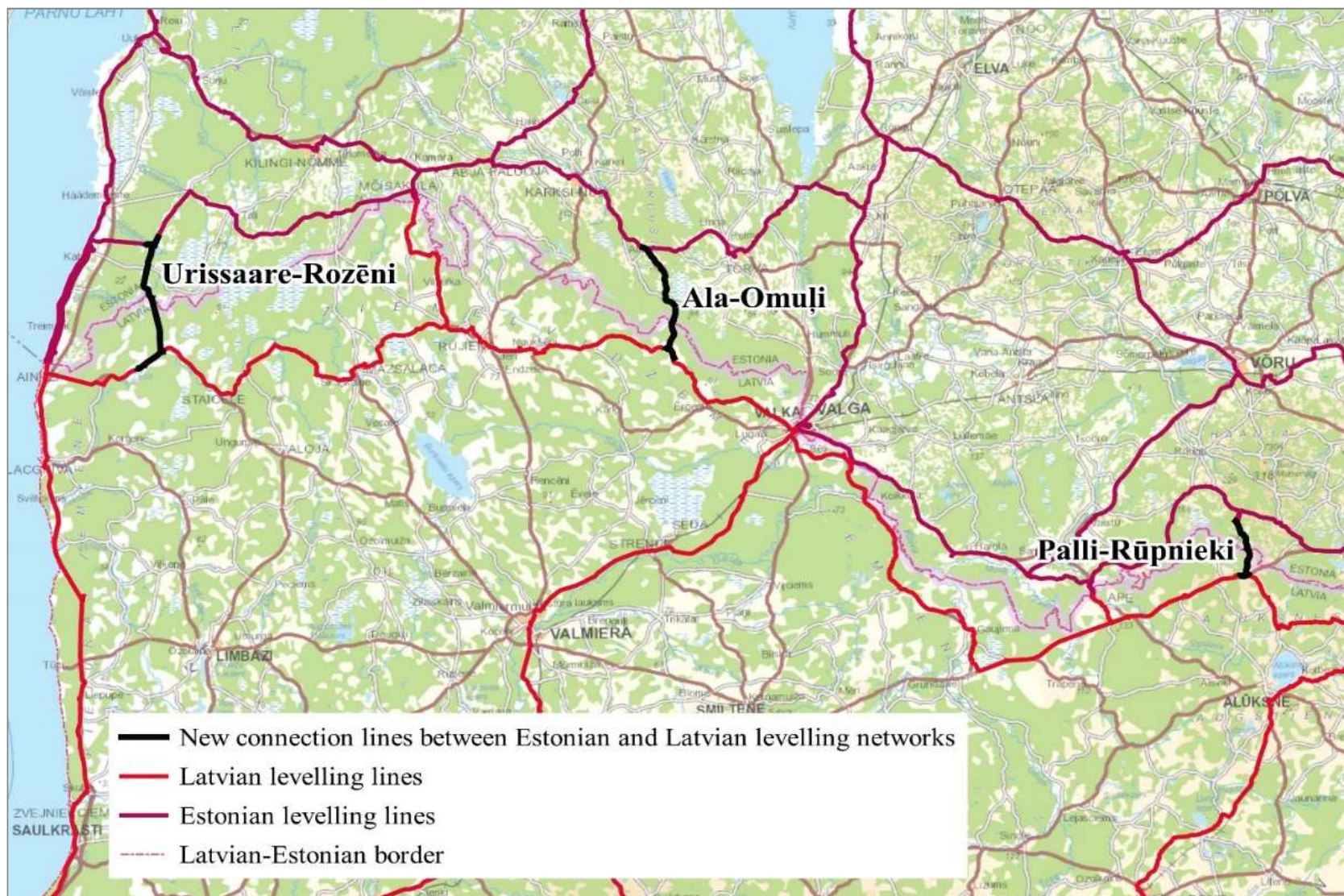
- Interreg V-A Estonian-Latvian programme
- Project „Harmonization of Estonian and Latvian geodetic systems in border areas“ (GeoRefAct)
- Project period 2 years
- Activities:
  - Measurements and computations of national GNSS and levelling networks in border area, local network of twin-city Valga/Valka and gravity survey in Northern Latvia
  - Results: coordinate and height transformation models incl web-based services





















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Thank you!