

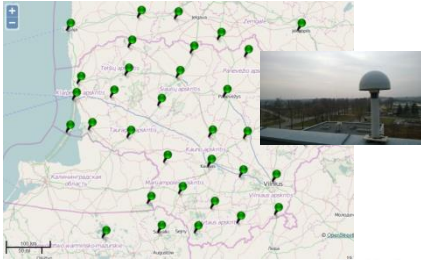
NATIONAL REPORT OF LITHUANIA TO EUREF 2023

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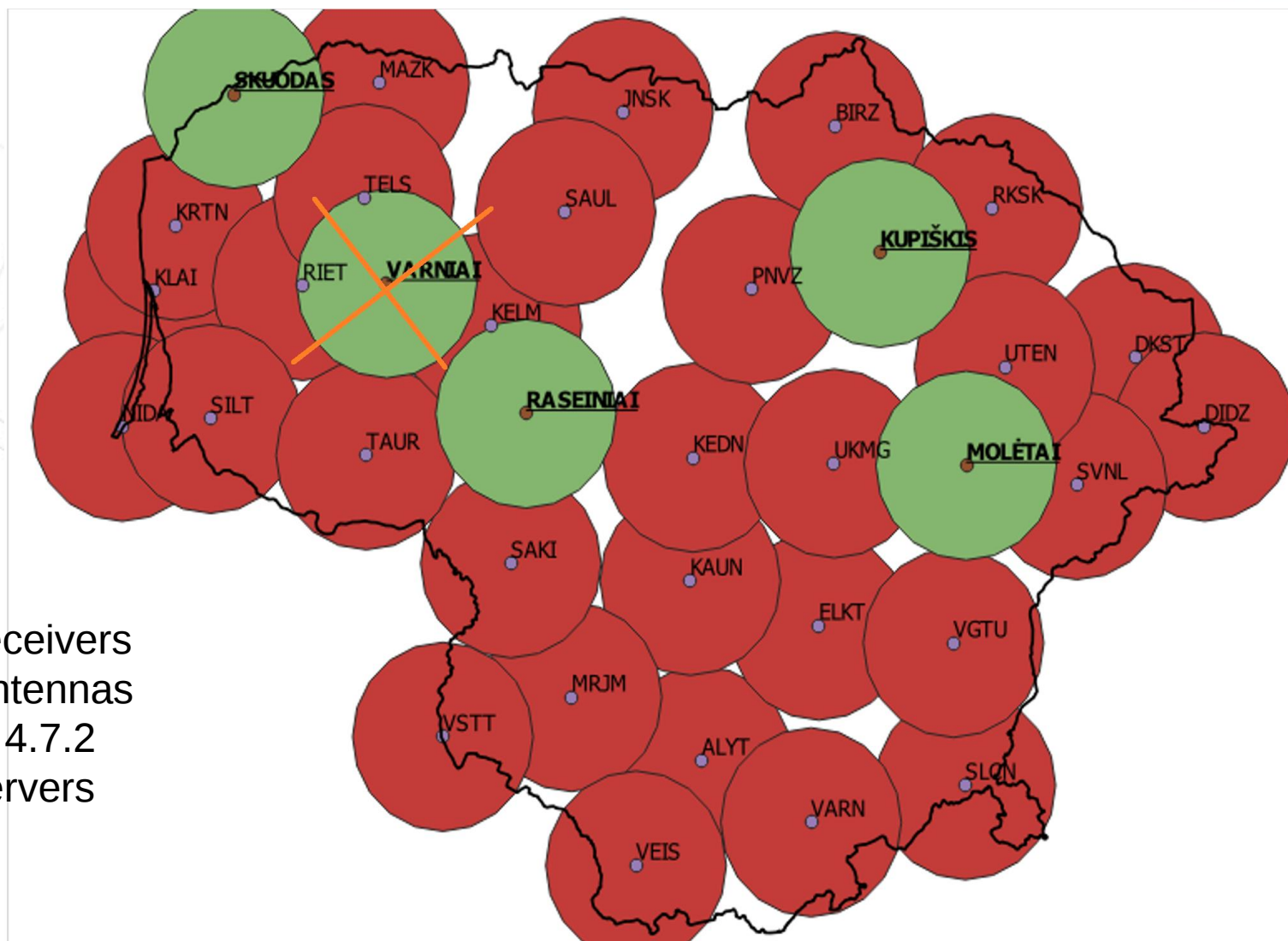
National Land Service under the Ministry of Environment



- CORS Network LitPOS
- Vertical network
- Gravity survey

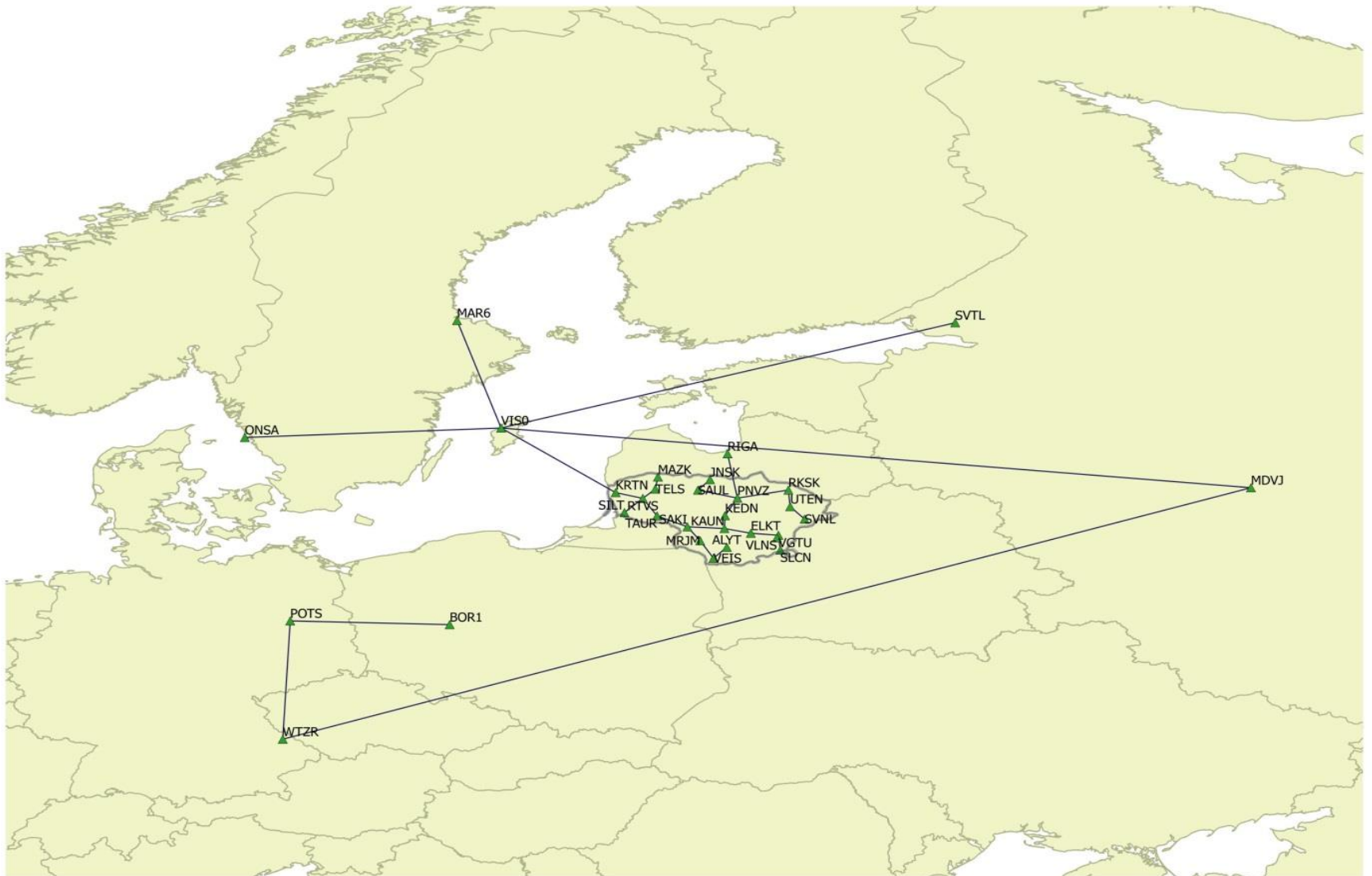


LitPOS new stations (31+4)



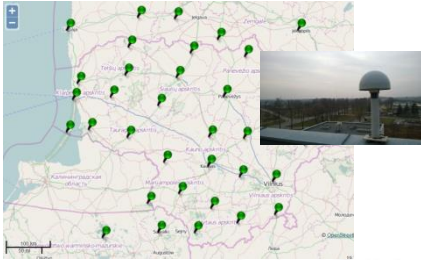
Trimble R9 receivers
Choke ring antennas
Trimble Pivot 4.7.2
Two mirror servers

Bernese 5.4



Users statistics (2022-12-31):

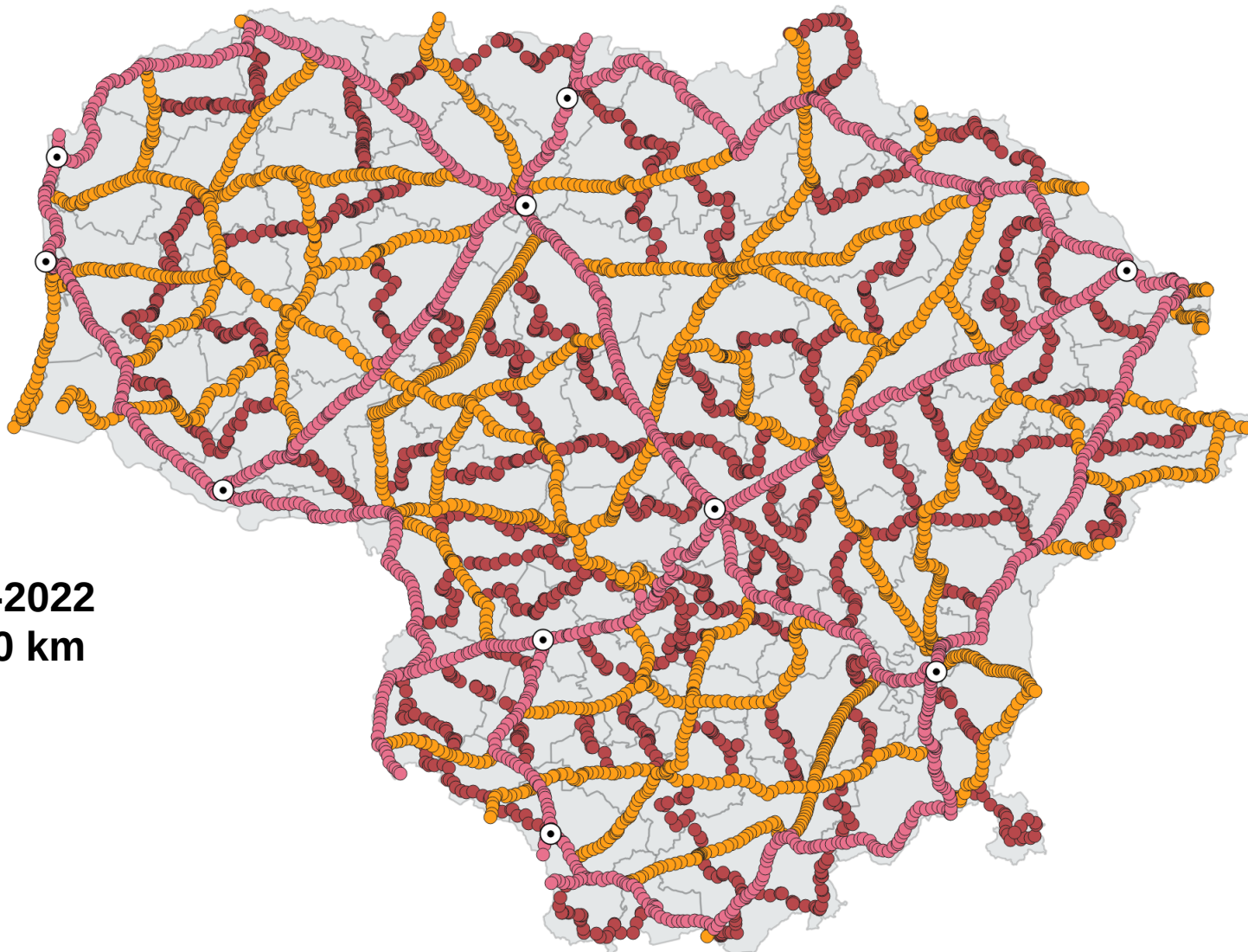
- Number of LitPOS registered users: ~1900
- Number of registered receivers: ~5000



- Vertical Network

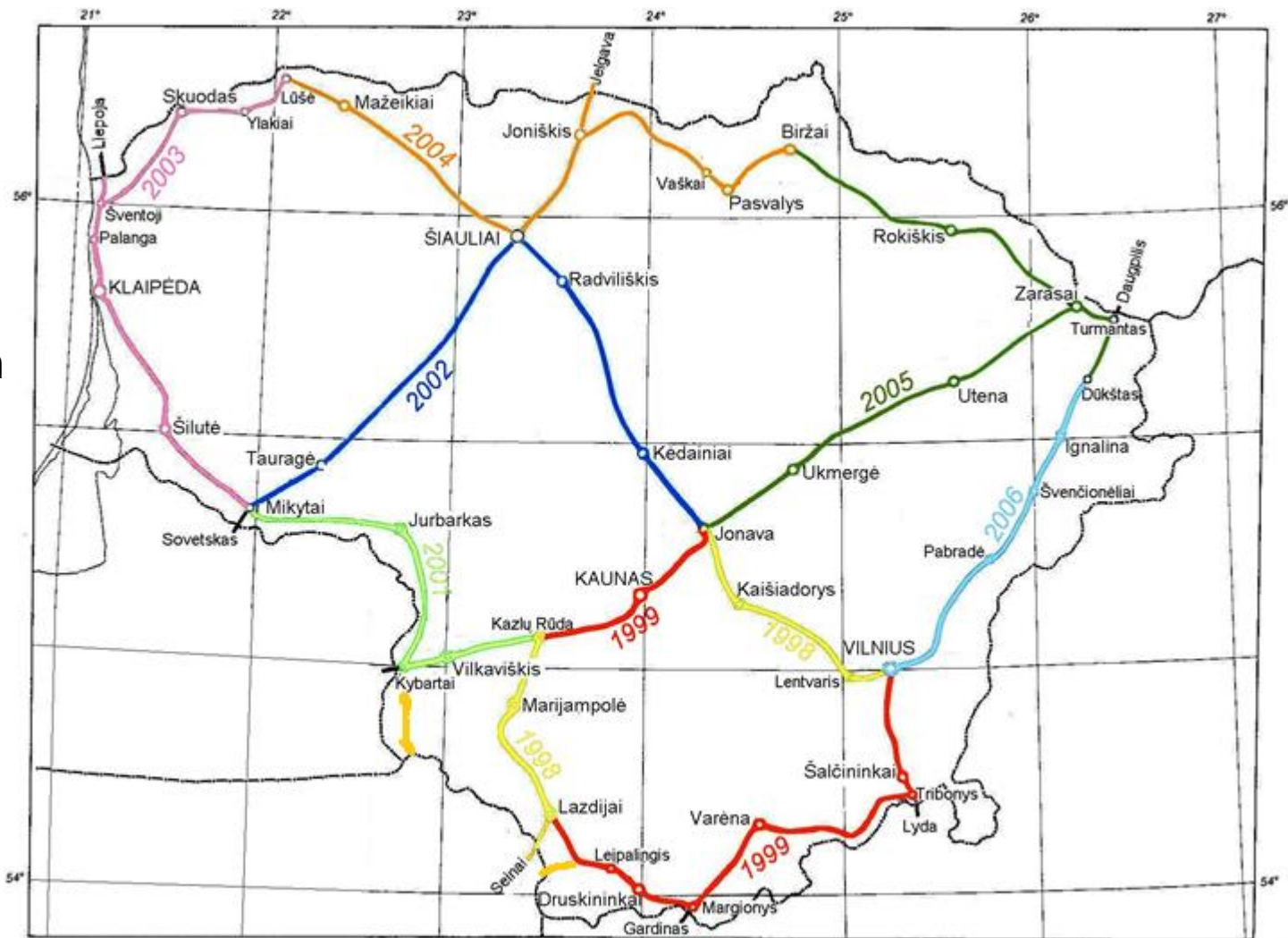


IIIrd order Vertical Network of Lithuania

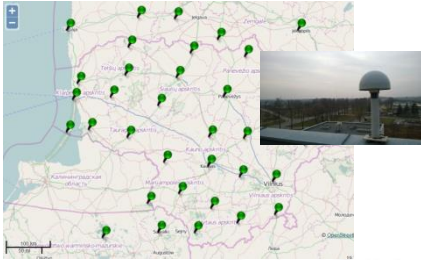


2019-2022
~4000 km

Second levelling of the 1st order vertical network (2023-2026)



~1800 km



- **Gravity survey**



Gravity survey in the Baltic sea (Lithuanian waters) 2022



Cooperation with **Gdańsk**
University of Technology



MSG-6

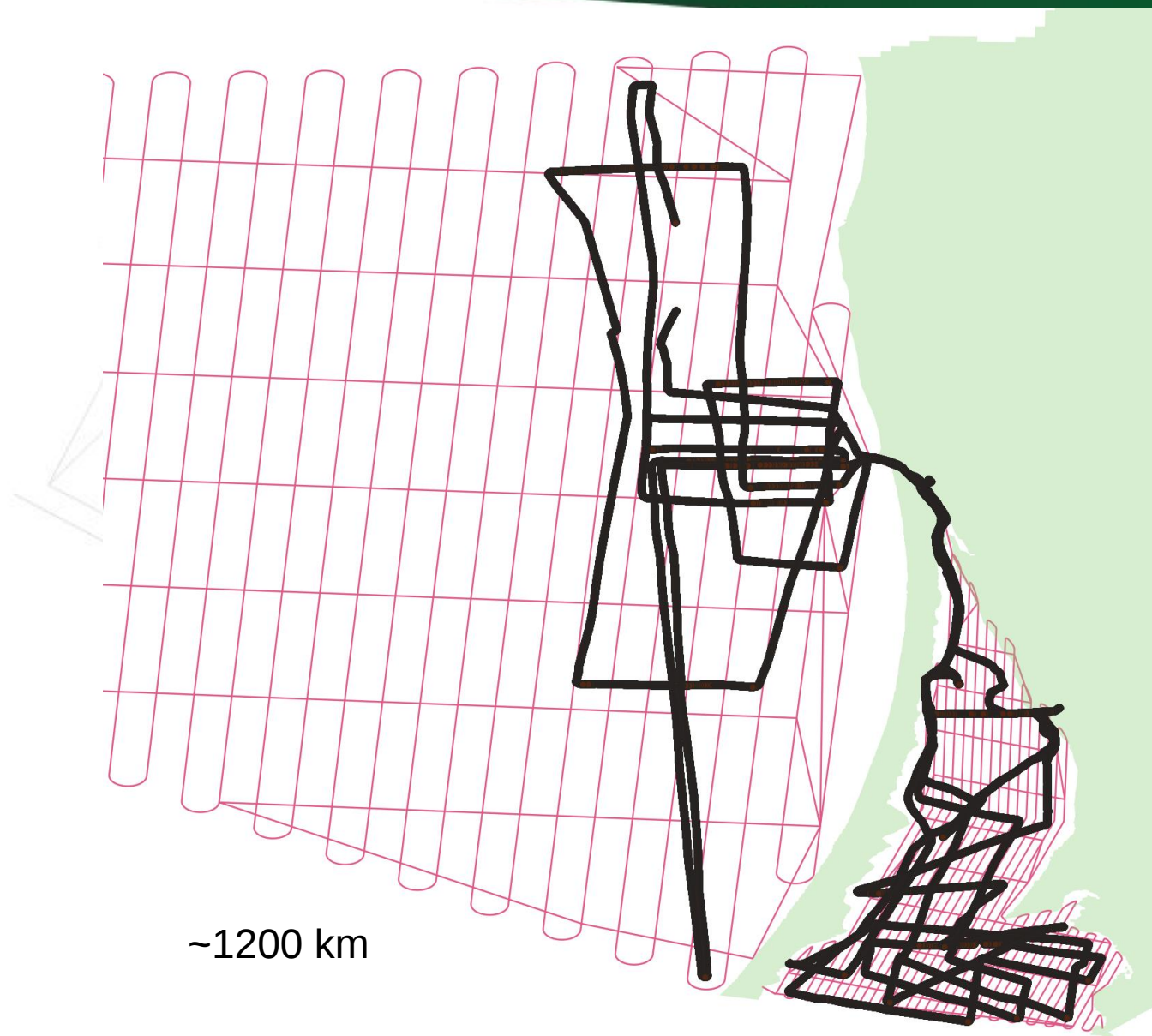
Gravity survey in the Baltic sea (Lithuanian waters) 2022



Gravity survey in the Baltic sea (Lithuanian waters) 2022



Gravity survey in the Baltic sea (Lithuanian waters) 2022



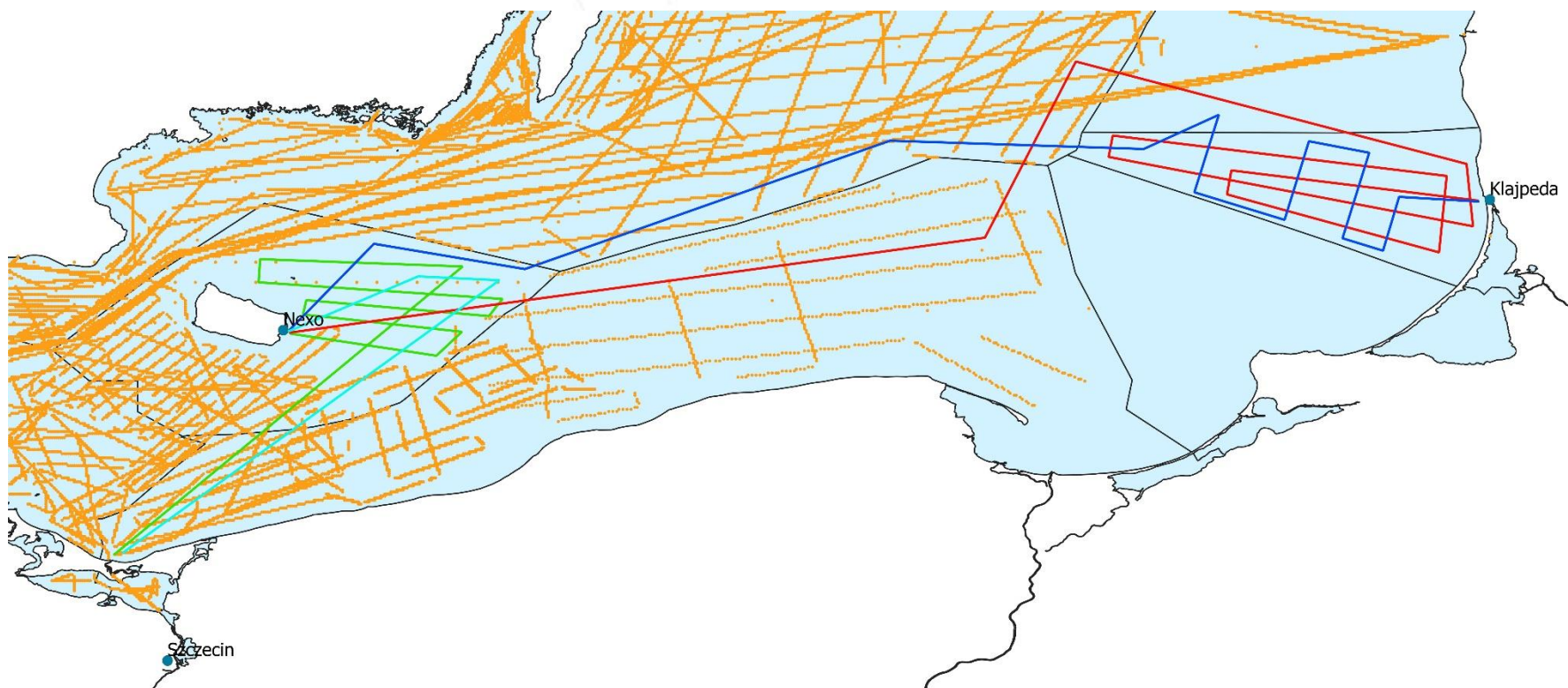
~1200 km

Gravity survey in the Baltic sea (Lithuanian waters) 2023



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Homogenized marine gravity maps of southern and eastern Baltic Sea for modern 3D applications in marine geodesy, geology and navigation



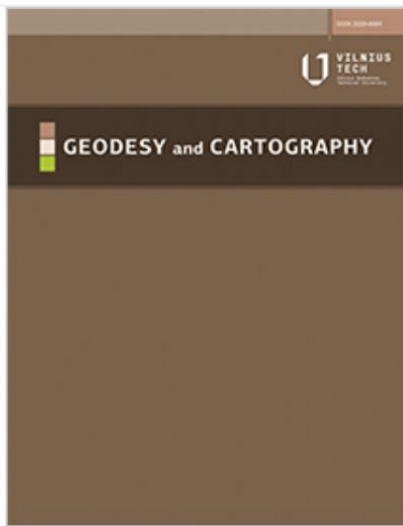
Interreg
Baltic Sea Region



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