

EUPOS-RIGA network

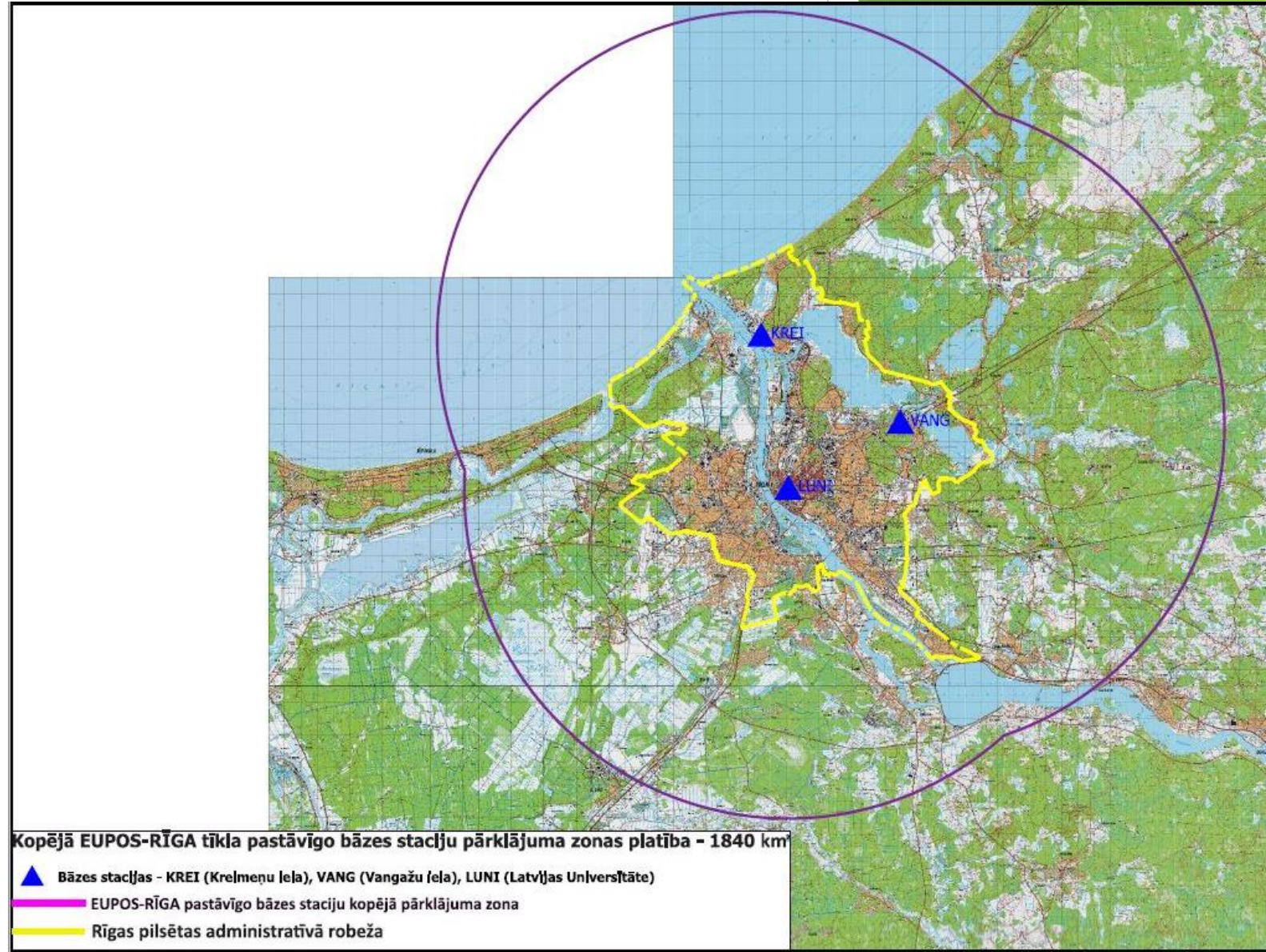
National report of Latvia

EUPOS-RIGA network is owned by City Development Department of
Riga State City



Main information about EUPOS-RIGA network

- ▶ Consists of 3 base stations in territory of Riga city
- ▶ The coverage area of EUPOS-RIGA network base stations is about 1840 km²
- ▶ All EUPOS-RIGA network data services (RTK/RINEX) are free of charge for network users
- ▶ All stations observe GPS and GLONASS signals
- ▶ Registered EUPOS-RIGA network user profiles – 159



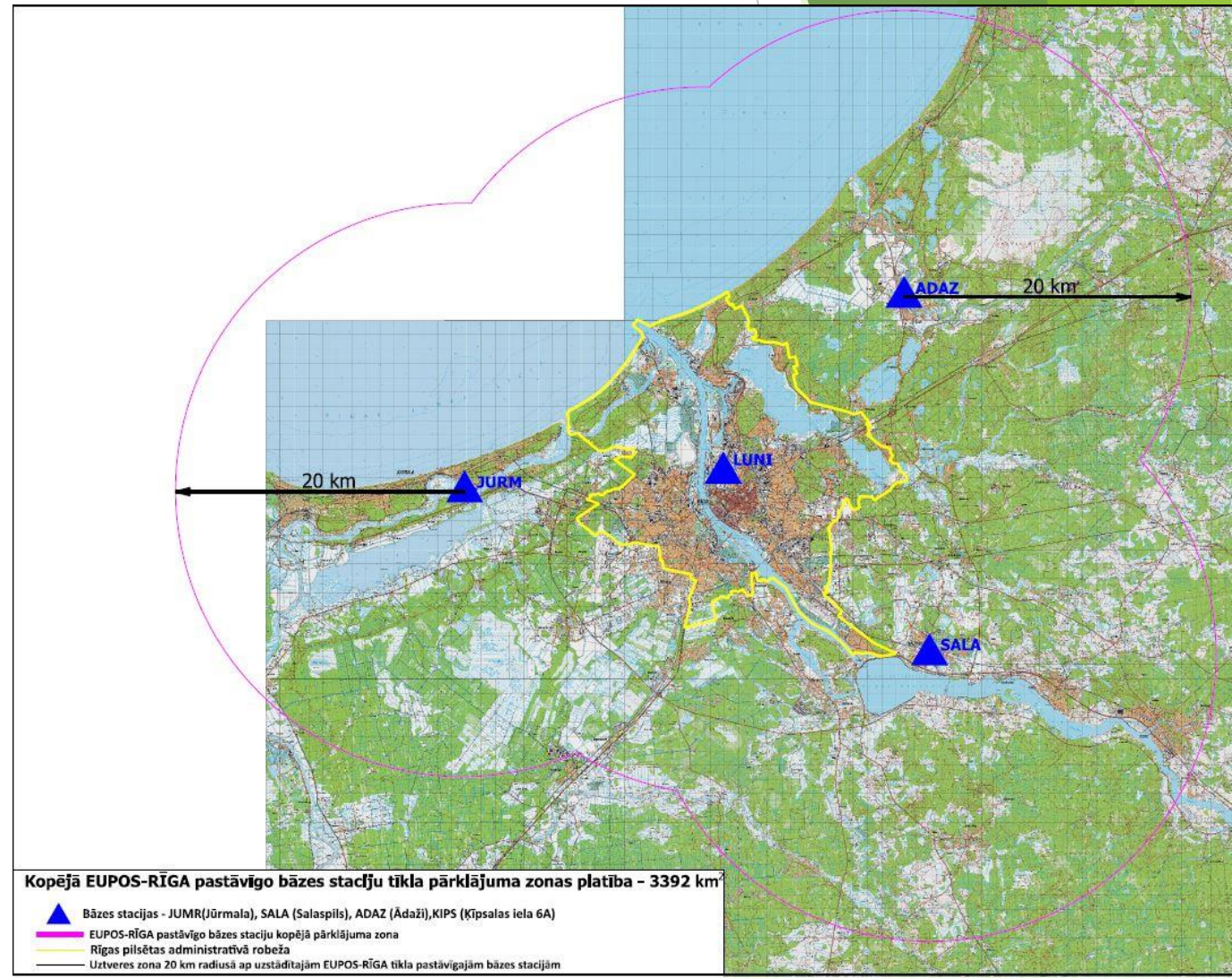
Receivers and antennas installed in the network

- ▶ Currently in EUPOS-RIGA network **JAVAD PREGO** receivers and **JNSCR3_GGD CONE** antennas are installed which operate in network since 2006
- ▶ In 2024, a complete modernization of EUPOS-RIGA network equipment is planned by installing **TOPCON NET-G5** receivers and **TOPCON CR-G5** antennas in all base stations



Future of EUPOS-RIGA network after modernization in 2024

- ▶ Network will consist of 4 base stations. 3 of them will be installed in new locations outside of Riga city territory
- ▶ The coverage area of EUPOS-RIGA network base stations will increase to about 3392 km²
- ▶ The new network equipment will use GNSS signals - GPS, GLONASS, GALILEO and BeiDou



Thank you for your
attention!