

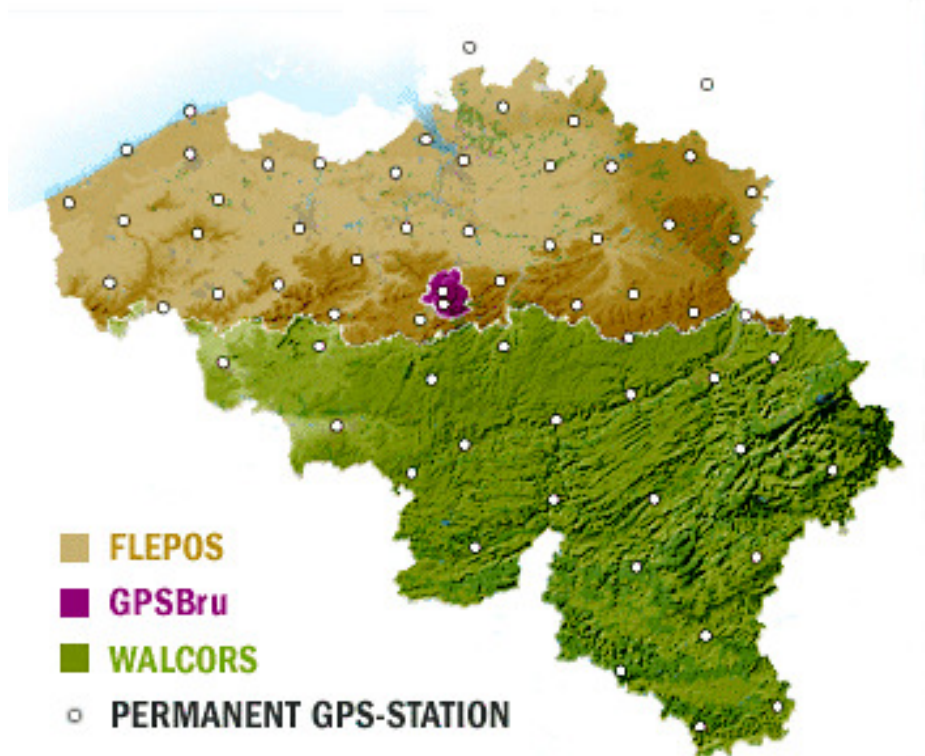
Belgian National Report

EUREF related activities of:

- National Geographical Institute
- Royal Observatory of Belgium



RTK Networks upgraded



- Since 2002 three regional networks, all managed by governmental authorities
- Recently upgraded from GPS to GNSS
- Policy remains the same: users can obtain RTK and Rinex data for free
- NGI is responsible for the determination and verification of the official coordinates of the reference stations

Levelling network partly updated

- Systematic precise levelling was ended in 2000
- Subsidence in the northern part of the country, mainly near the port of Antwerp (most recent observations from the 80's)
- Difference between levelling and GPS RTK results were systematic and became larger with time
- As a result of the new levelling campaign the height of some benchmarks changed up to 13 cm.



Recent activities at ROB

- ROB heavily contributed to the activities of the IAG working group on 'Regional Dense Velocity Fields'. For details see <http://epncb.oma.be/IAG>
- The ATOMIUM software dedicated to PPP has been upgraded with the possibility for kinematic positioning
- Within the E-GVAP program, ROB operates as an analysis centre. Now treating 210 stations (EPN + stations from the national densification networks) and providing near real-time ZPD to the meteorological institutes

