

# Belgian National Report

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EUREF related activities of:

- National Geographical Institute
- Royal Observatory of Belgium



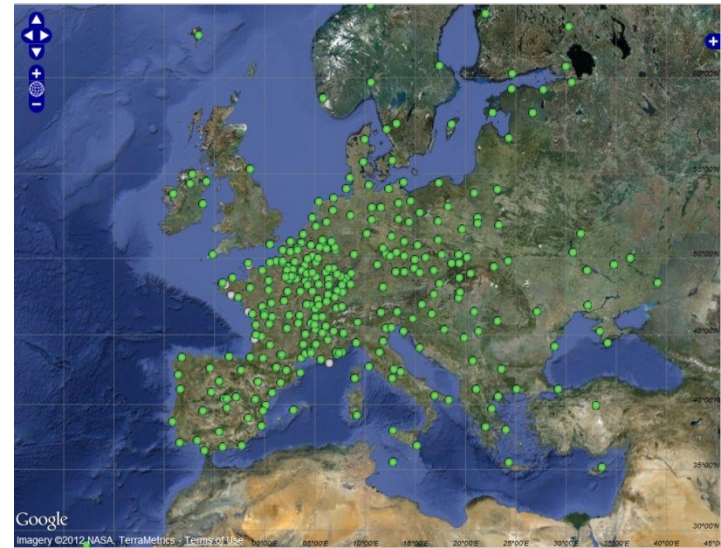
# EPN tracking stations

- Station BRUS had to be removed
- New station BRUX is now part of EPN and IGS tracking networks
- BRUX has improved visibility and equipment
- Metal shield with RF absorbing material
- More info on the poster
- Hardware upgrade of the rest of the ROB network in 2012



# E-GVAP analysis centre at ROB extended

- Updated service runs in parallel with existing one during validation period
- 44% more stations included and processing time heavily reduced



- New service in preparation to provide E-GVAP with 15-min updated tropo delays enabling MET agencies to enhance rapid-update NWP and nowcasting applications

# Update of height correction model hBG03

Model has been created in 2003 combining:

- Gravity data
- 4000 GPS/levelling points

External accuracy:  $\sigma = 2$  cm

