

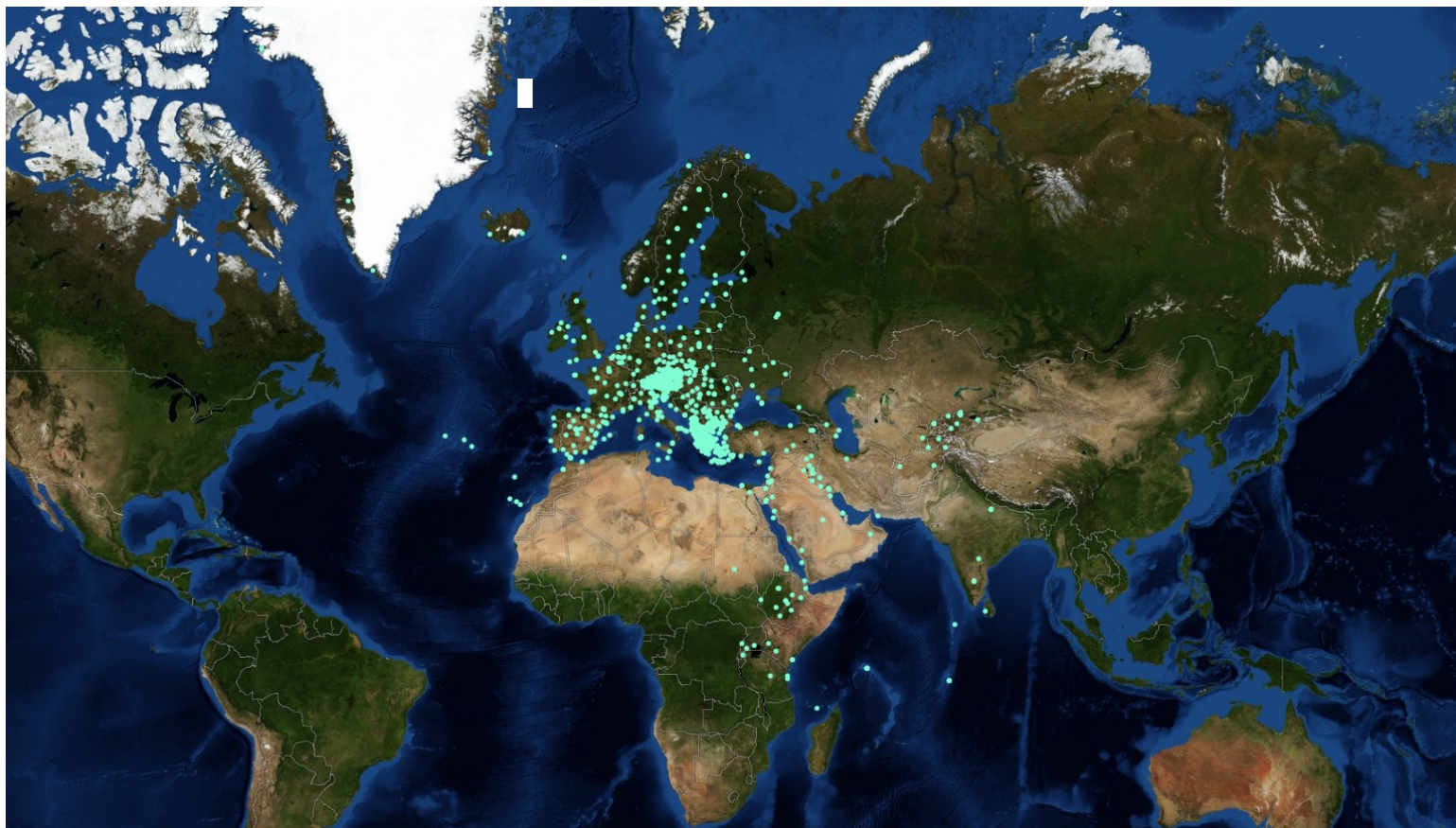
EUREF National Report 2016 - Austria

P. Mitterschiffthaler, D. Ruess, G. Stangl, H. Titz, Ch. Ullrich, E. Zahn

BEV - Bundesamt für Eich- und Vermessungswesen



OLG – data and analysis centre

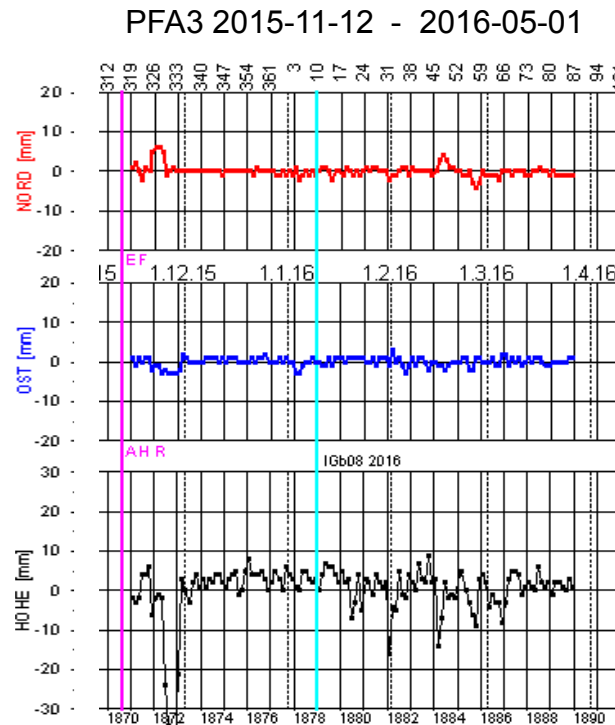


DC about 600 stations (including 100 private), AC about 460 analysis

APOS – Austrian Positioning Service



PFA3 (in front of PFA2)



New station PFA3

(since 2015-11-12)

- Current Equipment:
LEIAR25.R3, LEICA
GRX1200+GNSS
- In operation simultaneously
with PFA2

All APOS-stations are part of
AMO for EPN - Densification

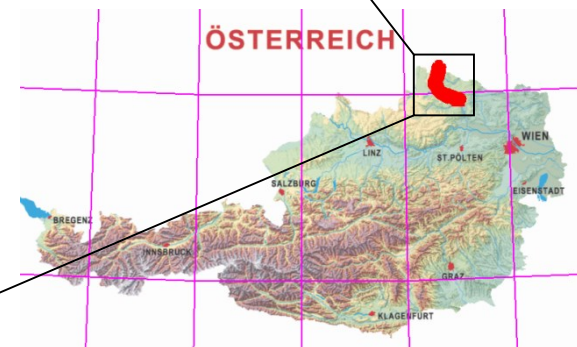
Processing-SW

- Trimble Pivot Plattform
v3.5.7 (production mode)
- Pivot Plattform v3.8.3
(testing mode - RTX, 3-D
tropo)

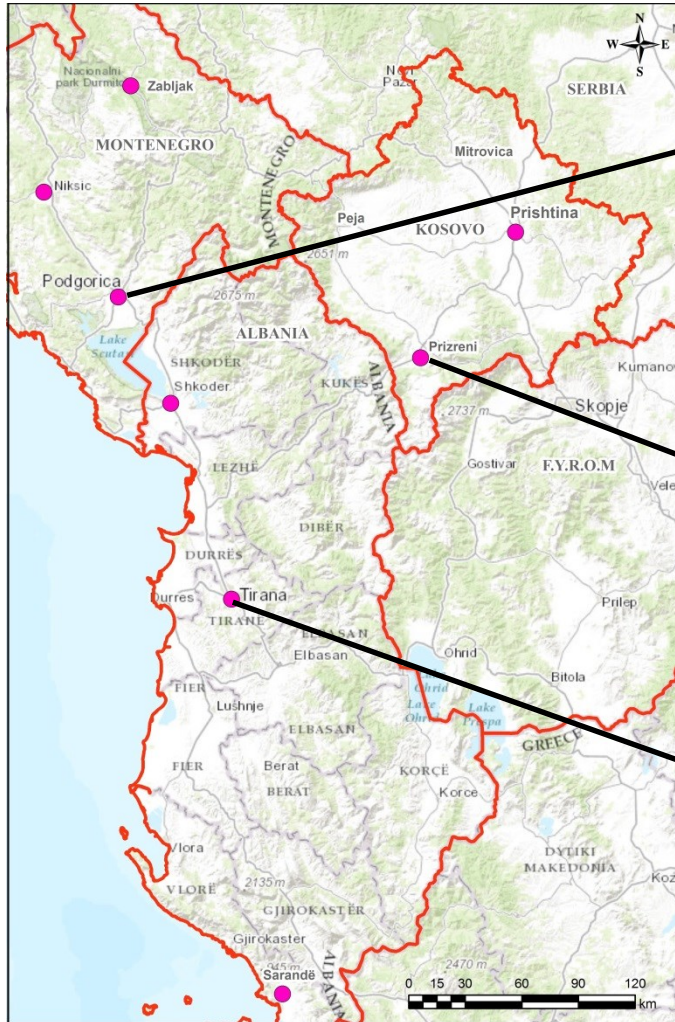
Precise Levelling in Austria 2015



Continuation of re-measurements
in the levelling network:
HUTB: Austrian datum point
(EVRF2007)
connection to the Czech levelling
Network at Slavonice



Absolute Gravity Albania, Kosovo, Montenegro 2015



Gravimeter FG5-242
September-October
2015
8 stations
Precision $\pm 2.5 \mu\text{gal}$



First modern gravity
reference



Basis for gravity and
levelling networks

GNSS data holding and analysis outlook

- **Data Centre can handle RINEX3 files**
 - RINEX2 (short name) and RINEX3 (long name) directories as usual
 - RINEX3 (short name) separate directories
- **Analysis Centre**
 - EPN sub-network + 4 networks for densification (total 460 stations)
 - REPRO2 2008-2015 and 1992-2005 still open
- **APOS modernization**
 - 40 receivers with Galileo in 2017
 - RTK software and RINEX3 archiving in 2017
- **Migration OLG->BEV**
 - AC and DC transferred from Graz to Vienna, OLG renamed to BEV
- **GGOS Coordinating Office**
 - Relaunch and operation by BEV