

EUREF 2004 Symposium

National Report of Austria

by Norbert Höggerl

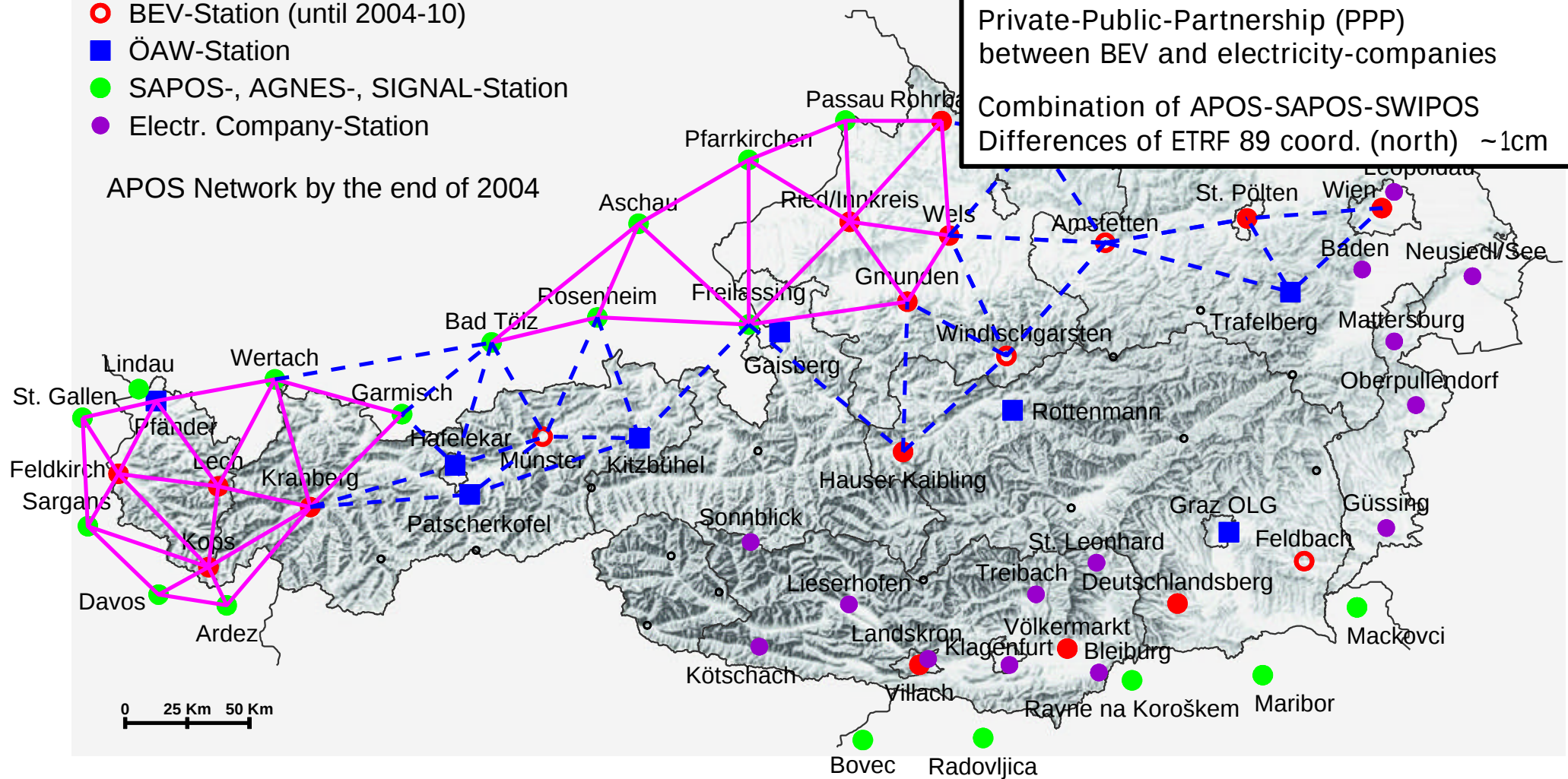
Bratislava, Slovakia

June 2nd to June 4th, 2004

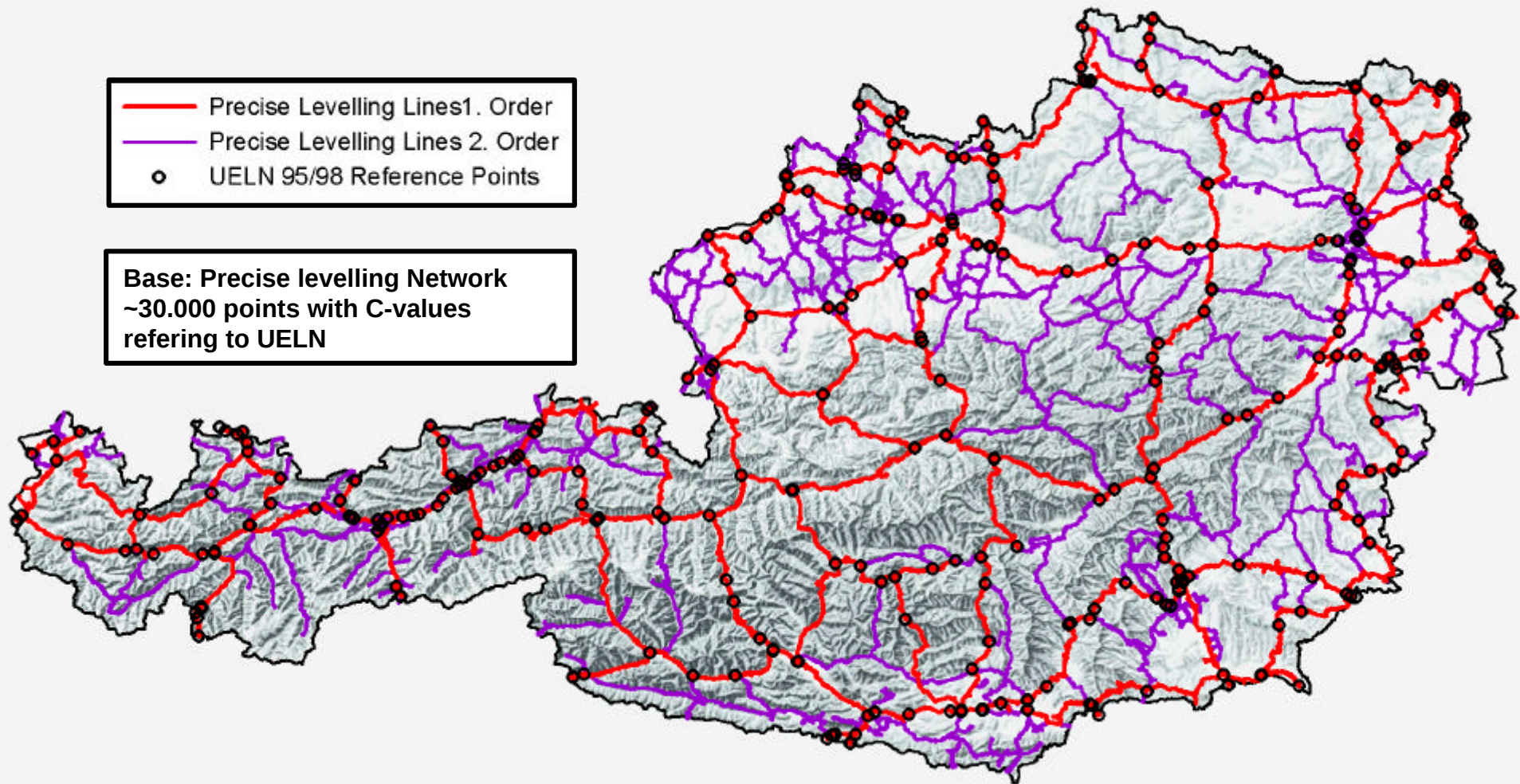
APOS - Austrian Positioning Service

- BEV-Station
- BEV-Station (until 2004-10)
- ÖAW-Station
- SAPOS-, AGNES-, SIGNAL-Station
- Electr. Company-Station

APOS Network by the end of 2004

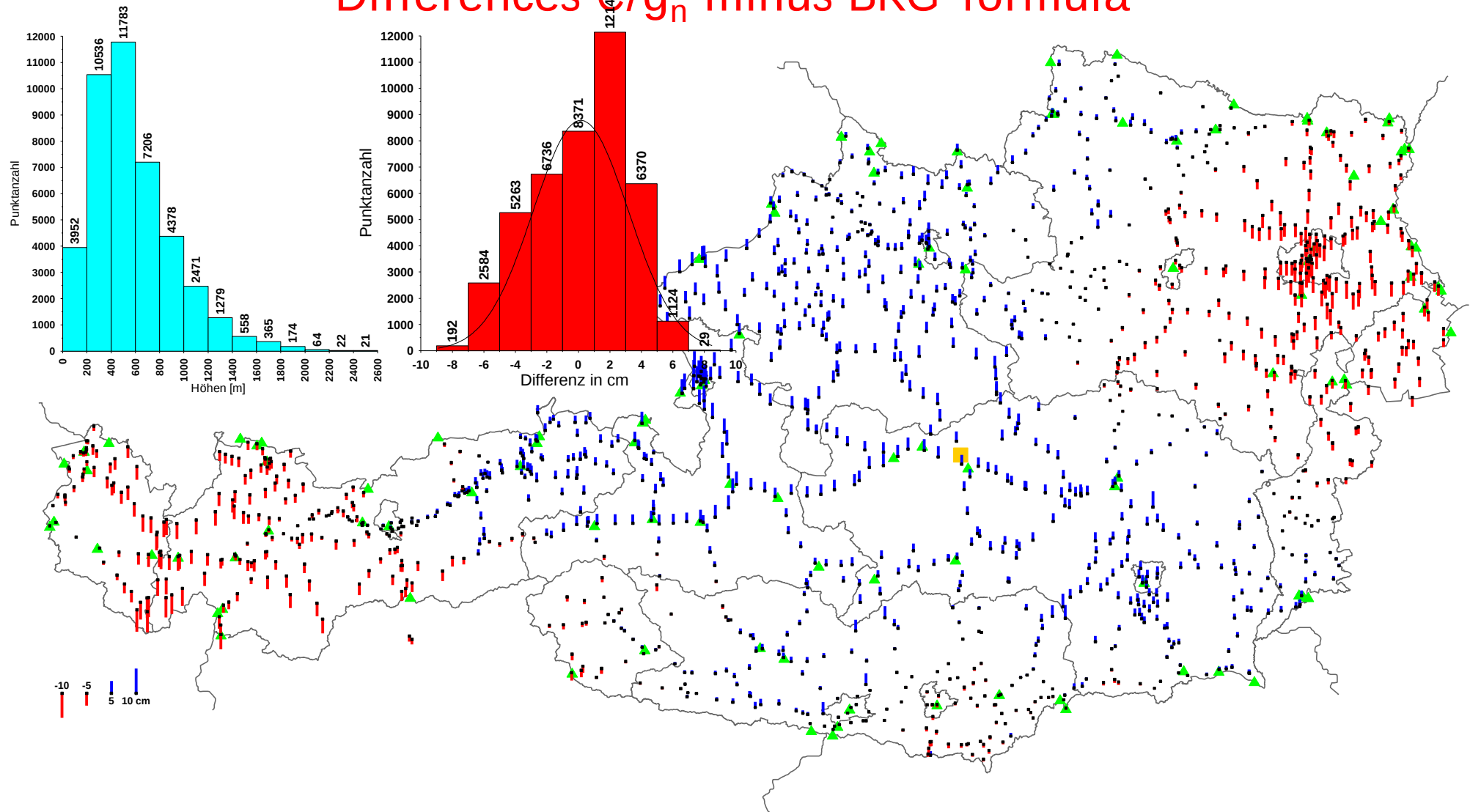


Transformation of National Heights into Normal Heights by use of BKG-formula

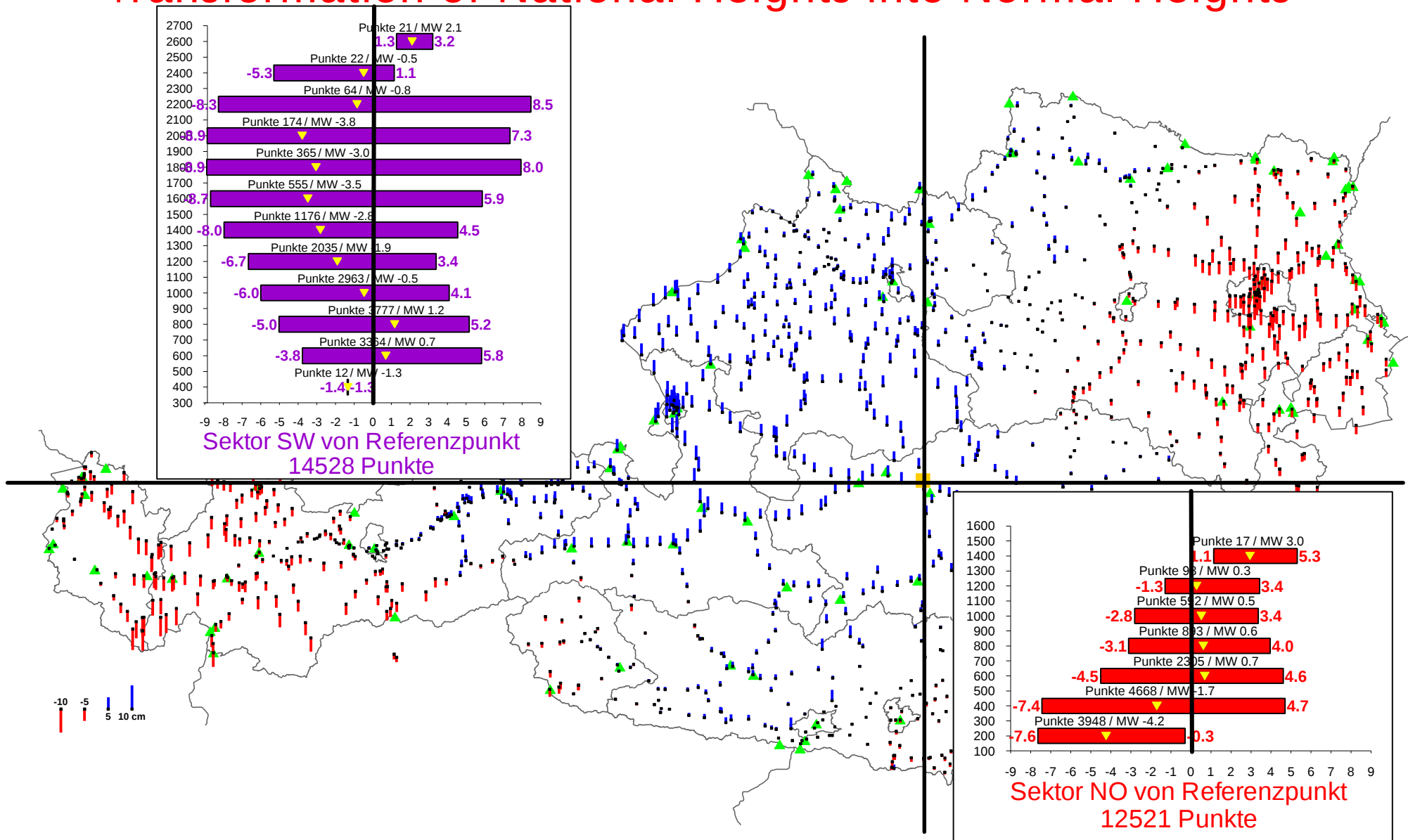


Transformation of National Heights into Normal Heights

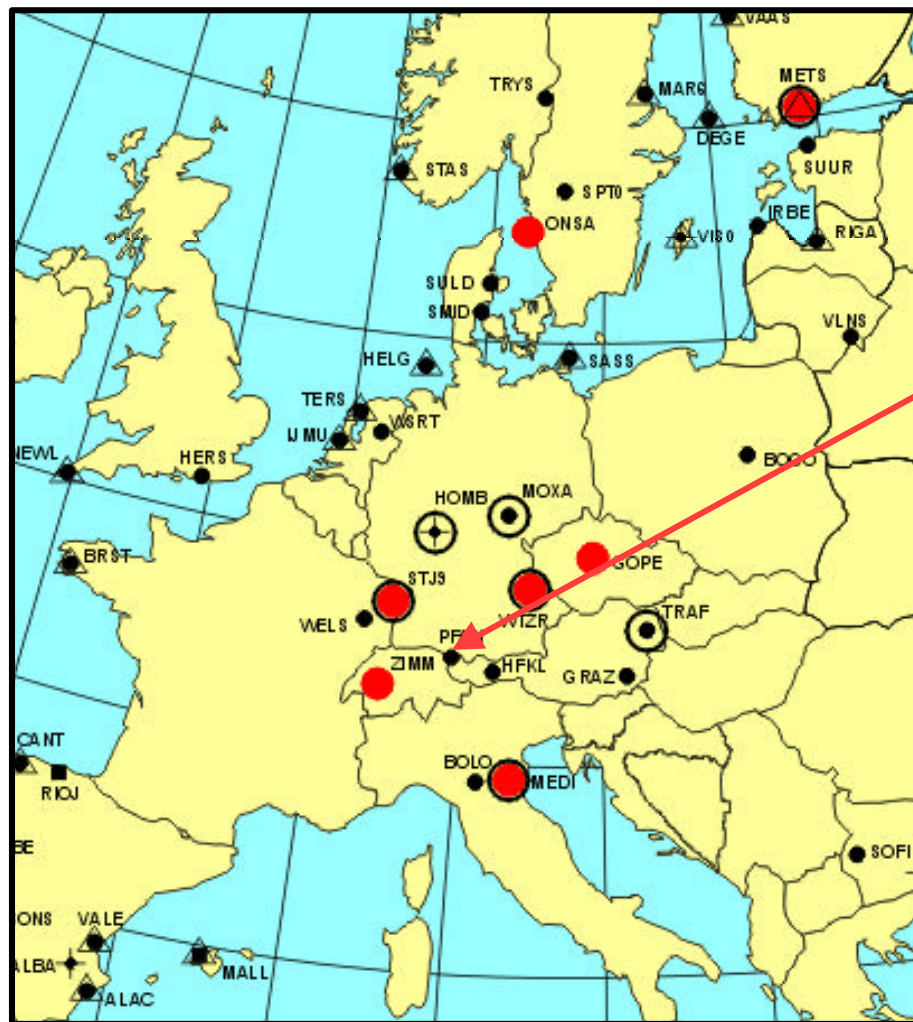
Differences C/g_n minus BKG-formula



Transformation of National Heights into Normal Heights

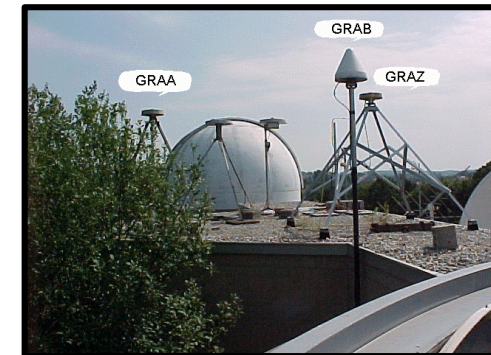
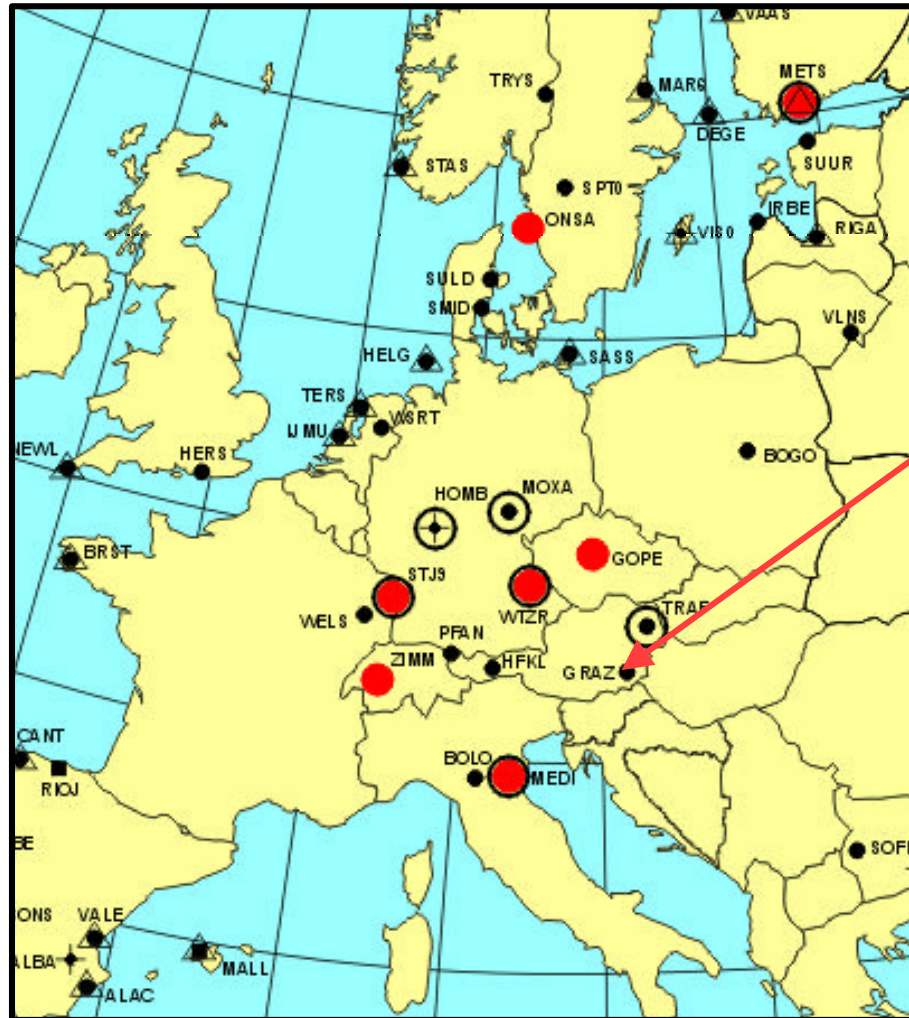


ECGN Stations in Austria: Pfänder



EPN
GPS since 1997:
Levelling/C-values: 1996
local ties 1996-2000
Absolut gravity: 2004

ECGN Stations in Austria: Graz



IGS:

Laser since 1982

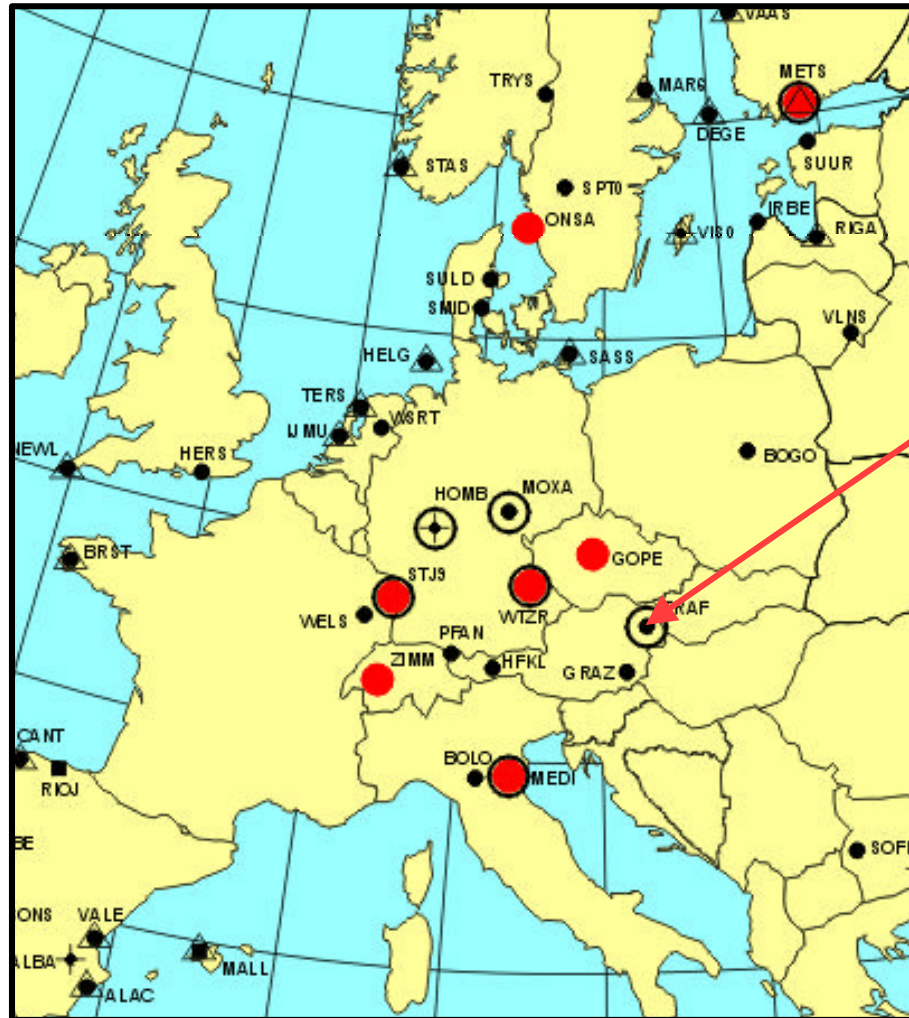
GPS since 1992

Levelling/C-values: 1987

Absolut gravity: 2000/04

local ties 1996-2000

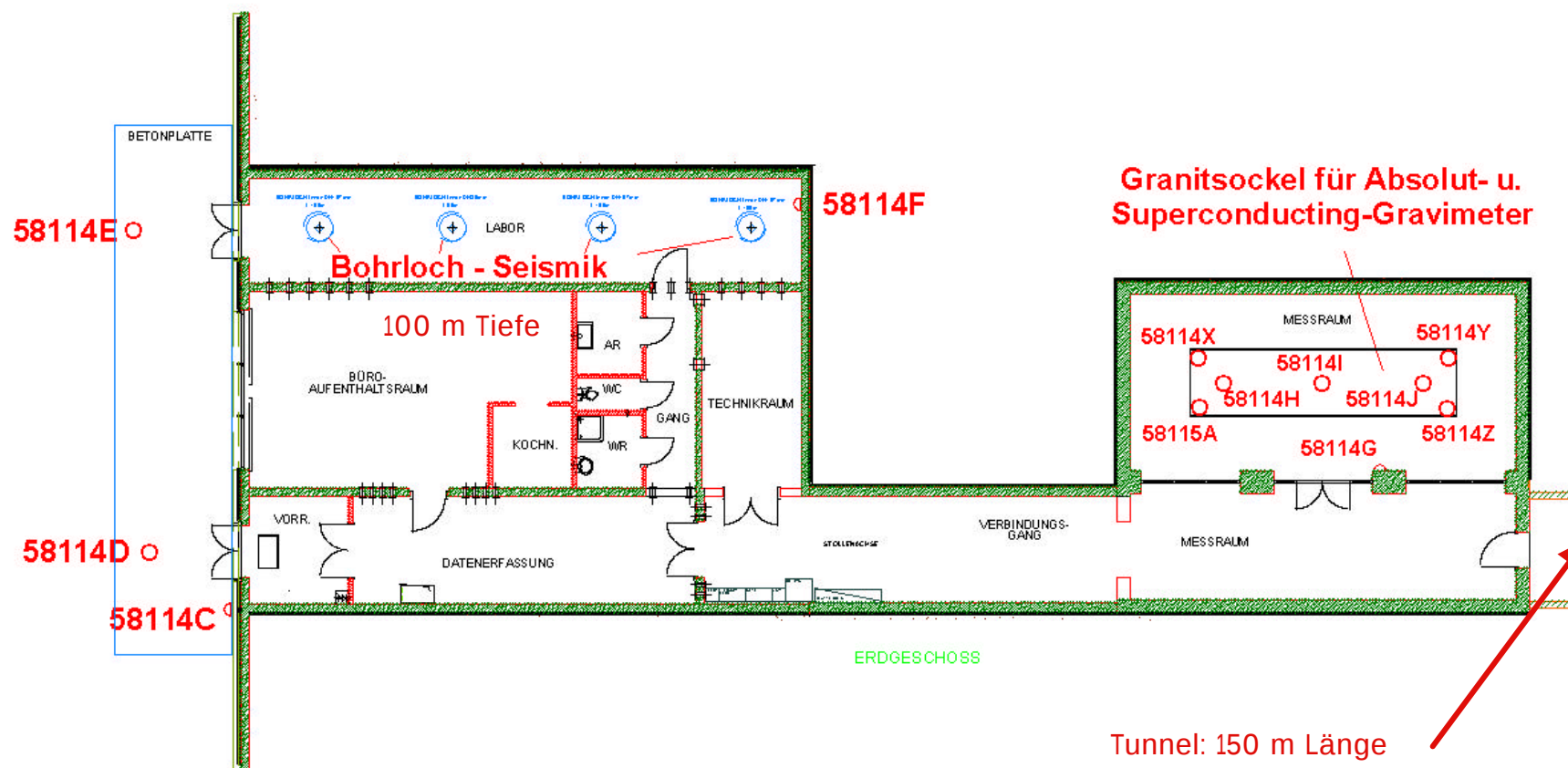
ECGN Stations in Austria: Trafelberg-Conrad Observatory



GPS since 2004
Levelling/C-values: 2003
local ties 2003/04
Absolut gravity: 2003/04
SCG: 2004

seismic devices

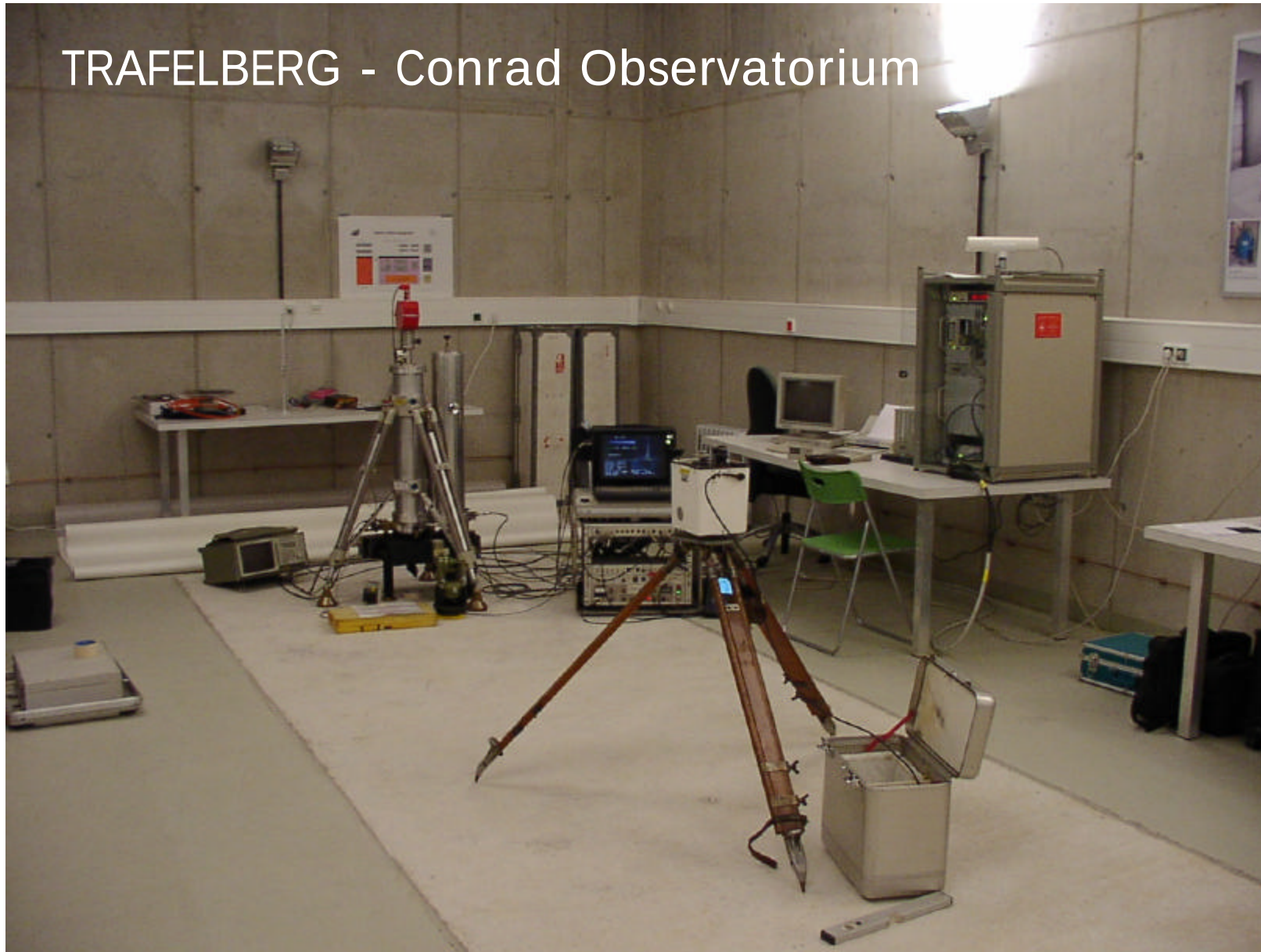
Conrad - Observatorium - Austria



EPN-TRAFELBERG



TRAFELBERG - Conrad Observatorium



TRAFELBERG - Conrad Observatorium

