

# National Report of Italy

Agenzia Spaziale Italiana

Universita` di Padova

Universita` di Cagliari

# Activities Developed in the EUREF Framework

- Local Analysis Center (UPAD, ASI/CGS)
- Local Data Center (ASI/CGS)
- 19 Stations are part of the EPN (hourly and daily files)
- Participation in the Special Project in time series (UPAD)
- Near Real Time ZTD computation (ASI/CGS)
- Support to EUREF IP project (UNICA/ UPAD) with several EPN and non EPN permanent stations

## Ground-Based GPS Network

### GPS Data Provider

ASI, EPN LDC, Italy

BKGE, EPN RDC, Germany

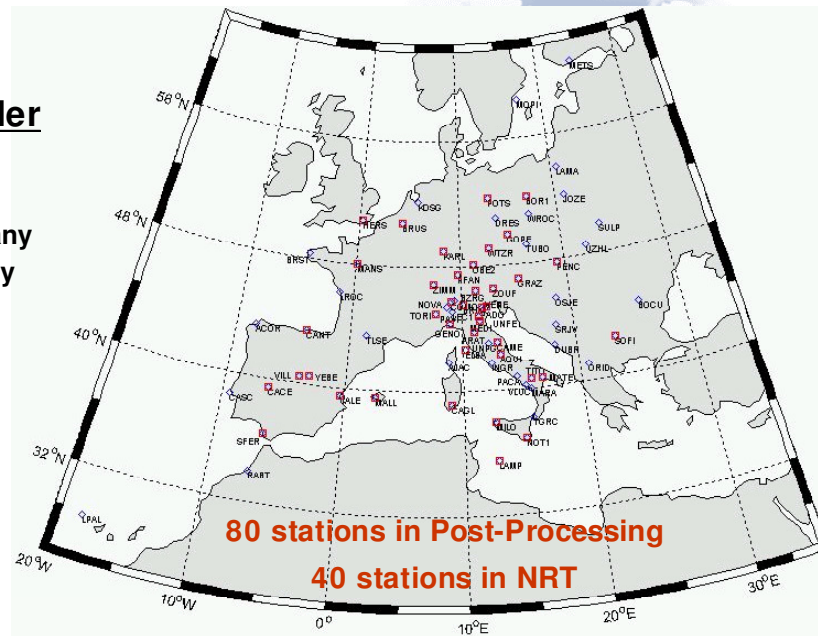
BKGI, IGS RDC, Germany

ESOC, Germany

IGNE, EPN LDC, France

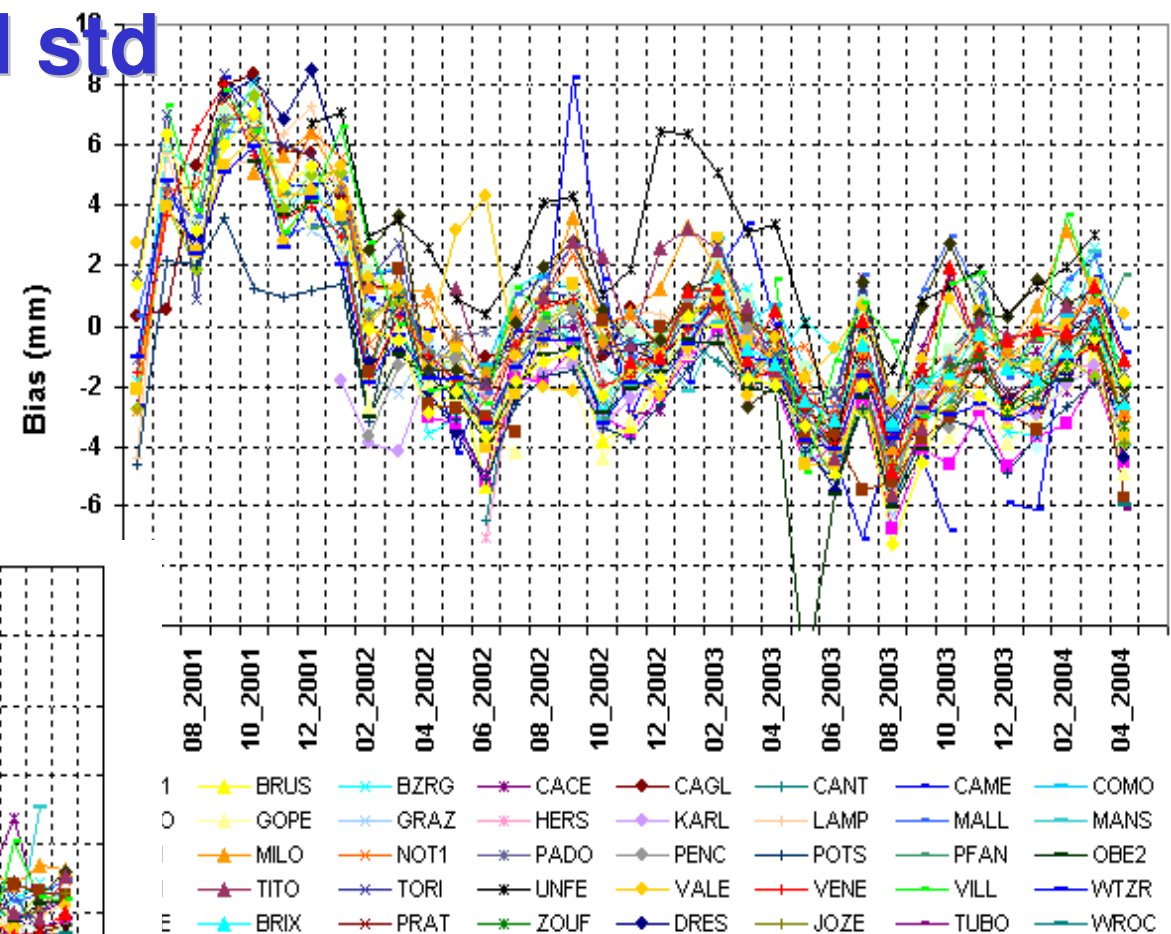
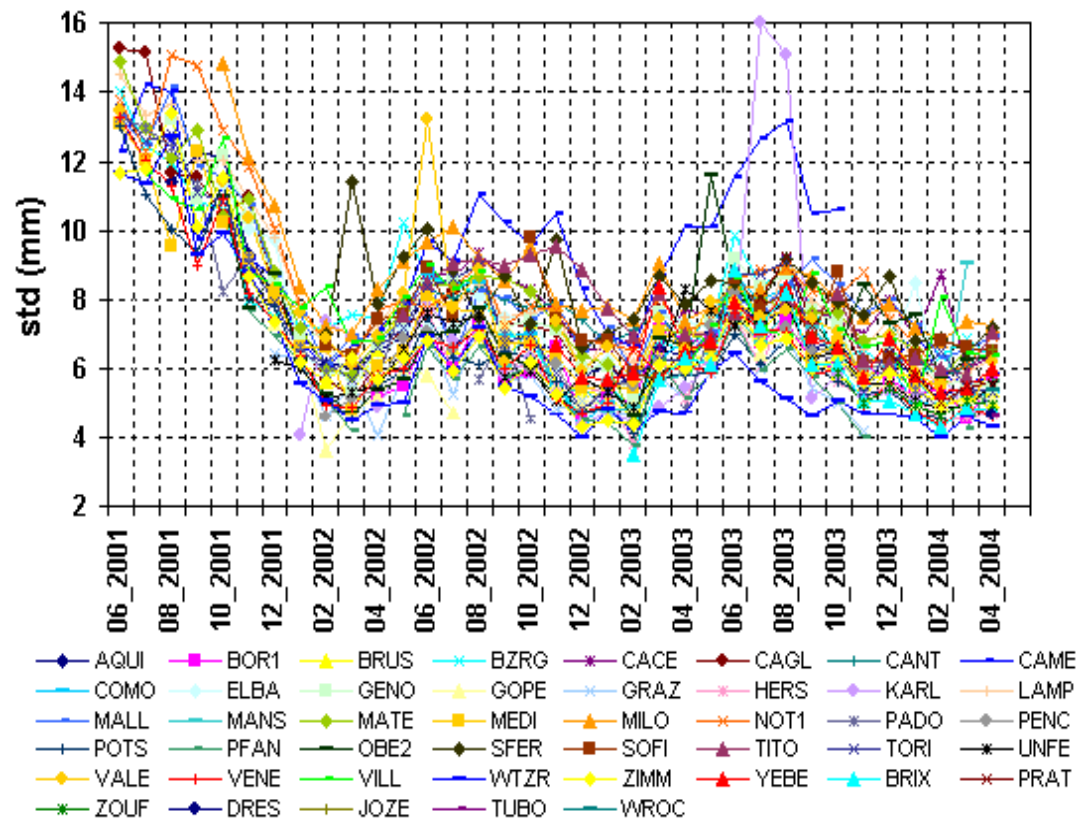
IGNI, IGS GDC, France

OLG, EPN LDC, Austria



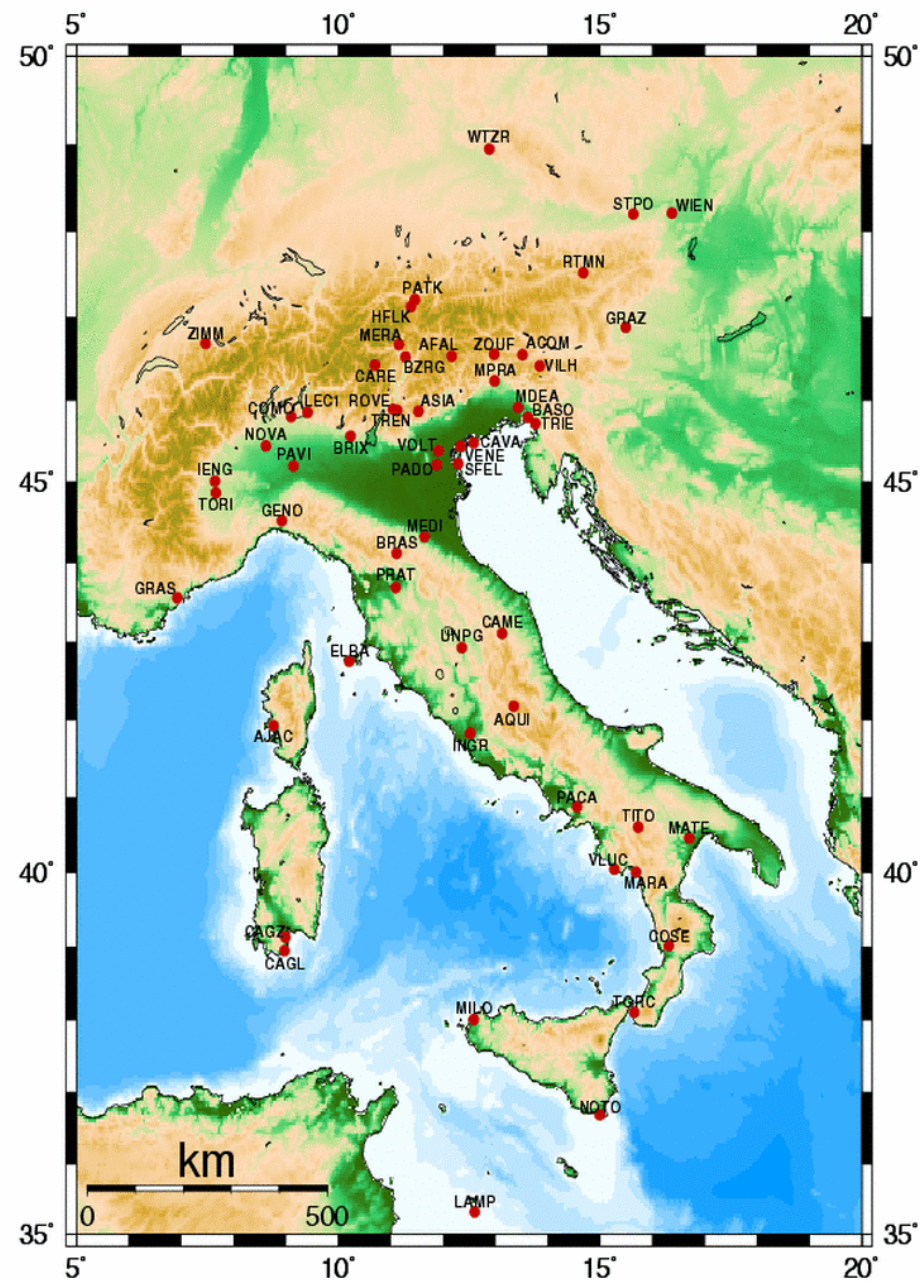
# NRT versus Post-Processed ZTD

## Monthly mean bias and std *June 2001-April 2004*



[6mm ZTD  $\approx$  1mm IPWV]

# Network processed weekly by UPAD



# IP tests performed by the UniCA

