



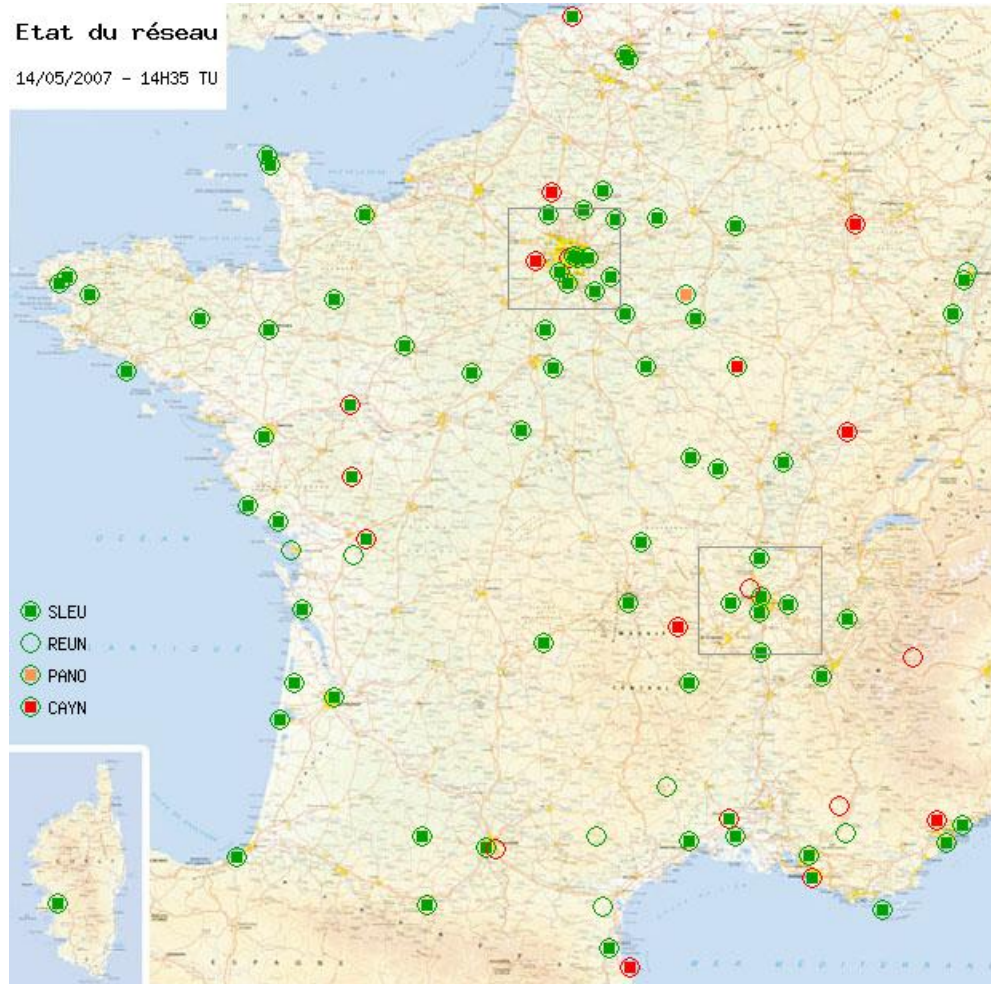
National report of France

F. Duquenne (SGN), A. Harmel (SGN), H. Duquenne (LAREG), B. Garayt (SGN)

SGN: Service de Géodésie et Nivellement
LAREG: Laboratoire de Recherche En Géodésie



RGP GPS PERMANENT NETWORK



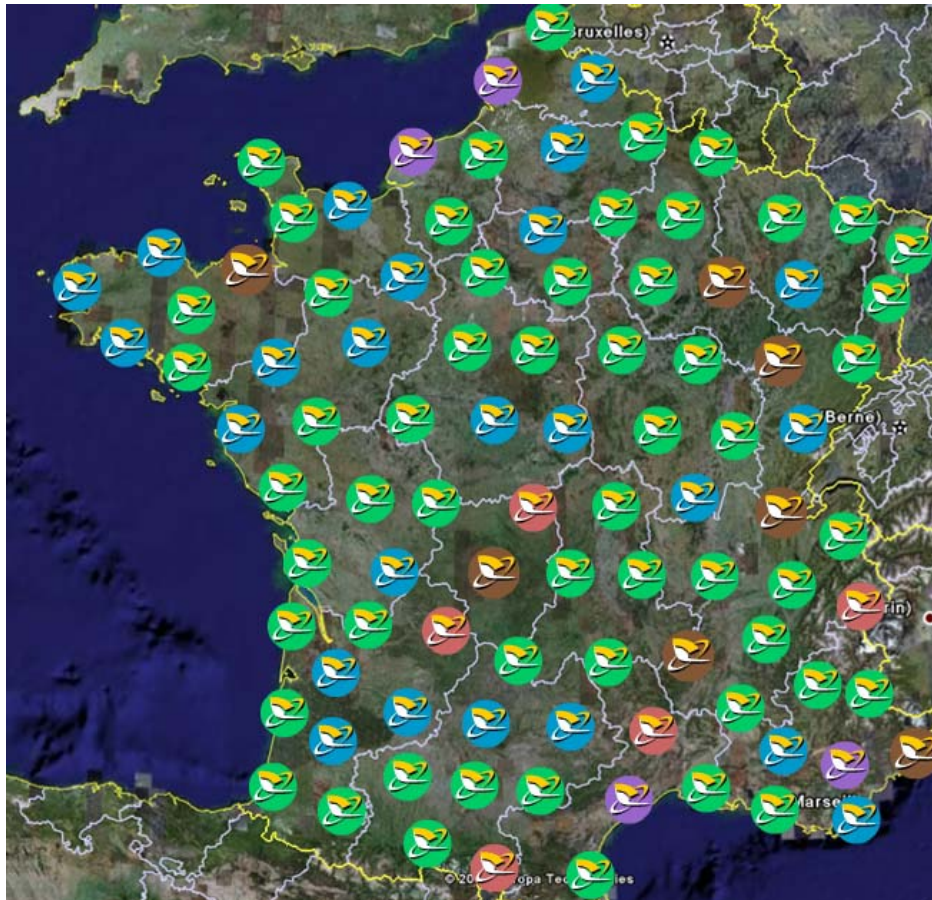
- 114 stations
(increase: 51 in one year)
 - 104 : 1h/1s files
 - 10 : 24h/30s files
- Free of charge
- 21 IGN stations
- 41 public partners
- 52 private partners
(41 TERIA stations)



RGP GPS PERMANENT NETWORK



TERIA: OGE (ordre des géomètres) RTK network



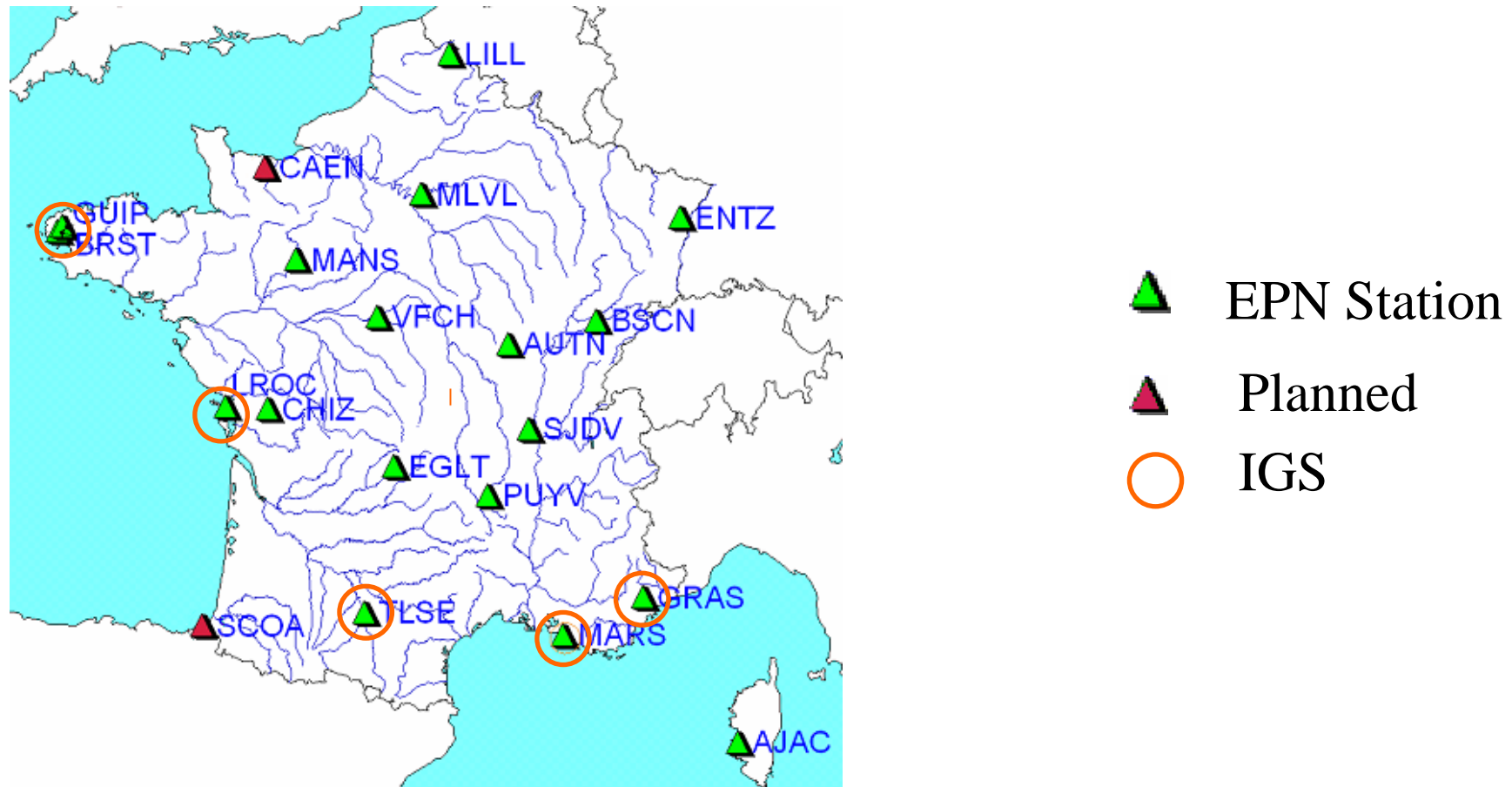
- 100 stations
- Operational: end of 2007
- 45% operational today
- Commercial service
- All stations integrated in RGP



RGP GPS PERMANENT NETWORK



EPN, IGS contribution





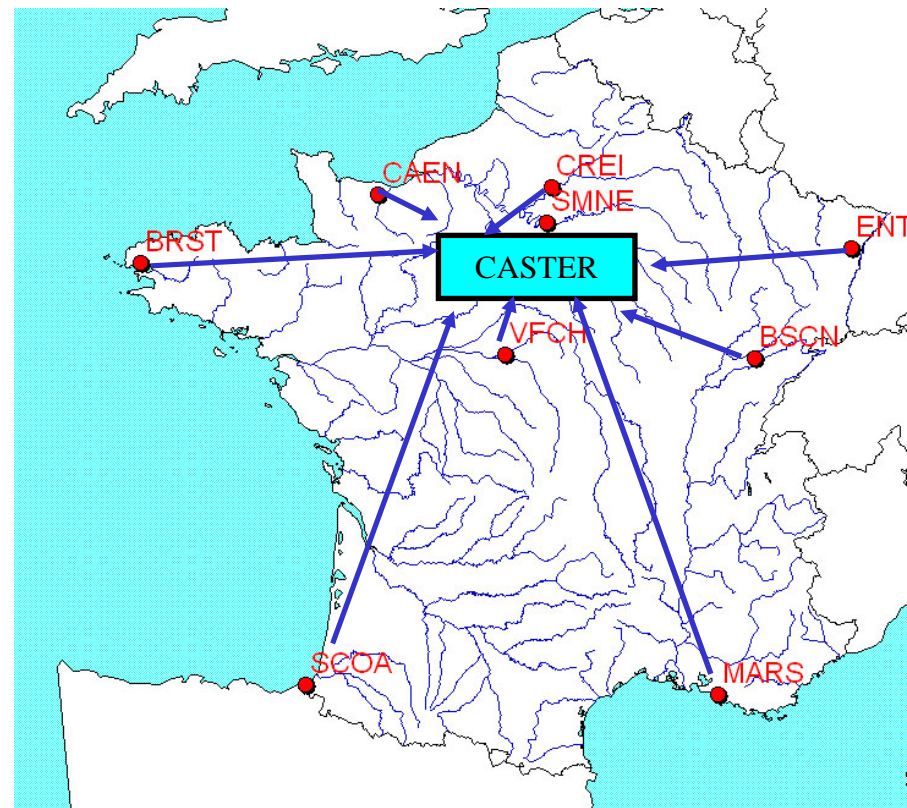
RGP GPS PERMANENT NETWORK



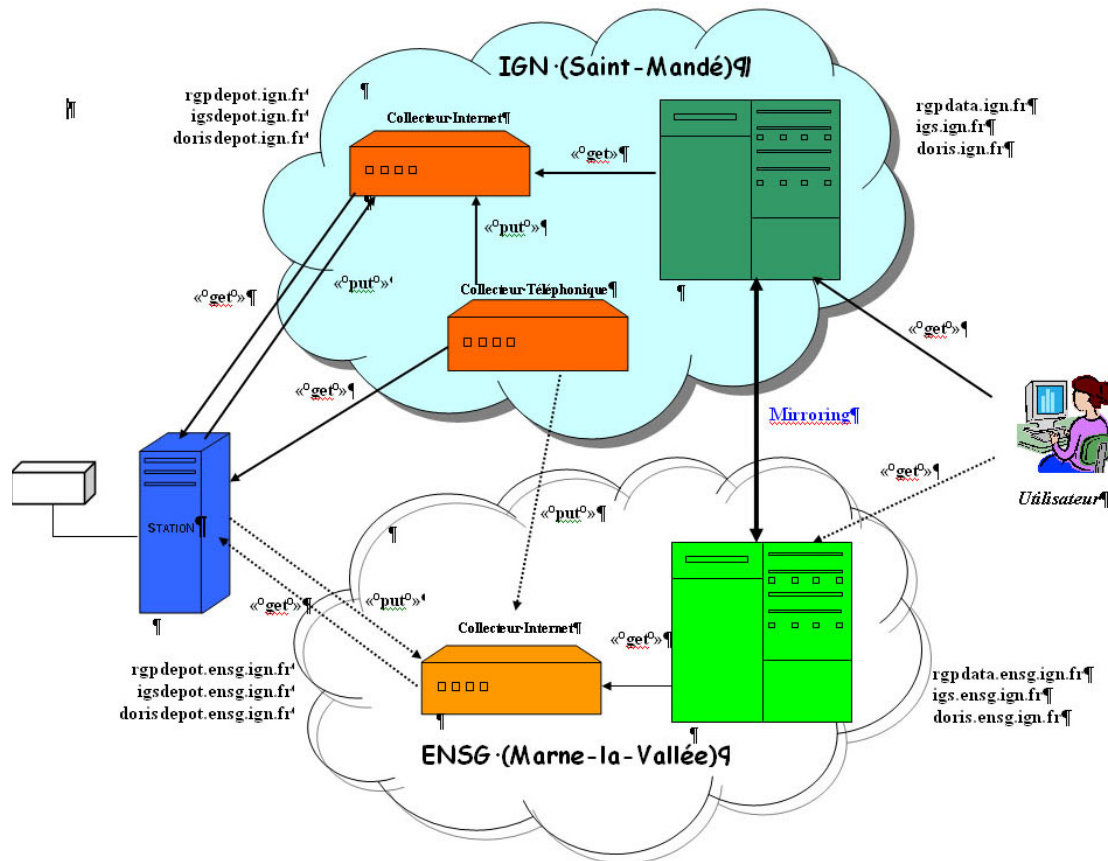
NTRIP

Connexion to EUREF_IP planned

End 2007 : 20 stations planned



Improvement of the Data Centers



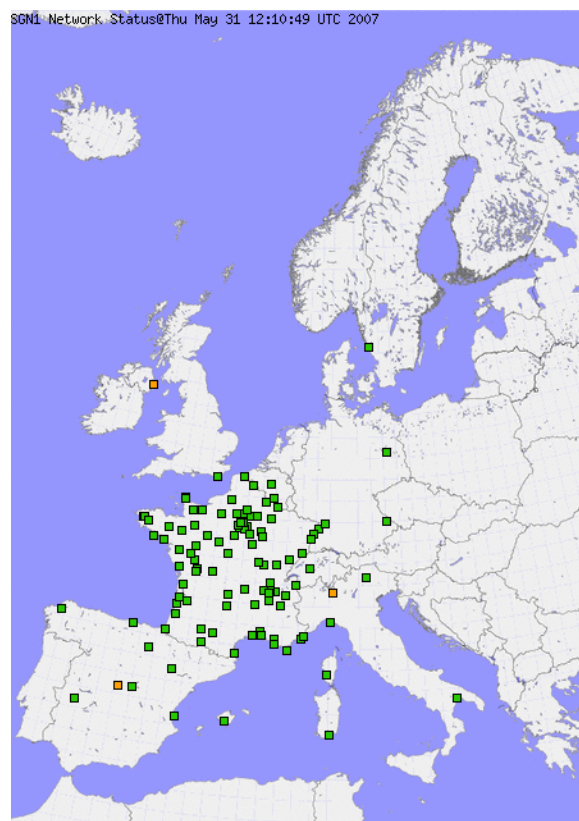
- 2 data centers, mirroring
- RGP, IGS, IDS data centers
- New implementation
- New hardware
- New dedicated Internet links



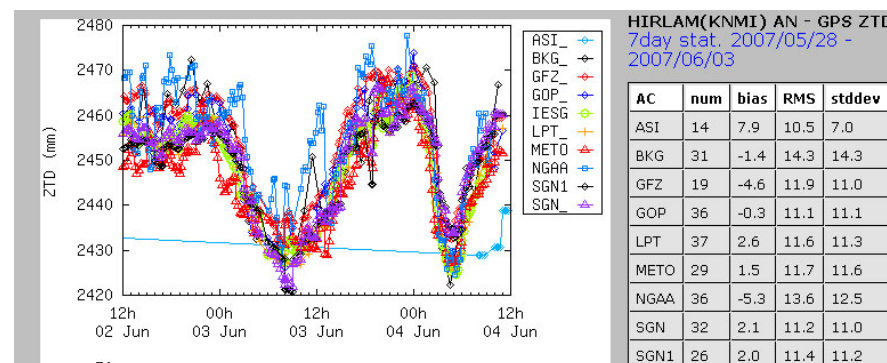
RGP GPS PERMANENT NETWORK



Contribution to E-GVAP



- 1 IGN processing Center
- 2 solutions SGN et SGN1



- 345 km in 2006
- Link with Spain



- Measurements on the RBF Geodetic Network
40 absolute points (A10), 200 relative (scintrex CG3)
- A10/FG5 comparison
in Strasbourg (EOST)



Status of the gravimetric measurements made by the National Geographic Institute on the French Basic Geodetic Network (RBF) on Dec. 31th, 2006

