



RENATER and Collaboration with Africa

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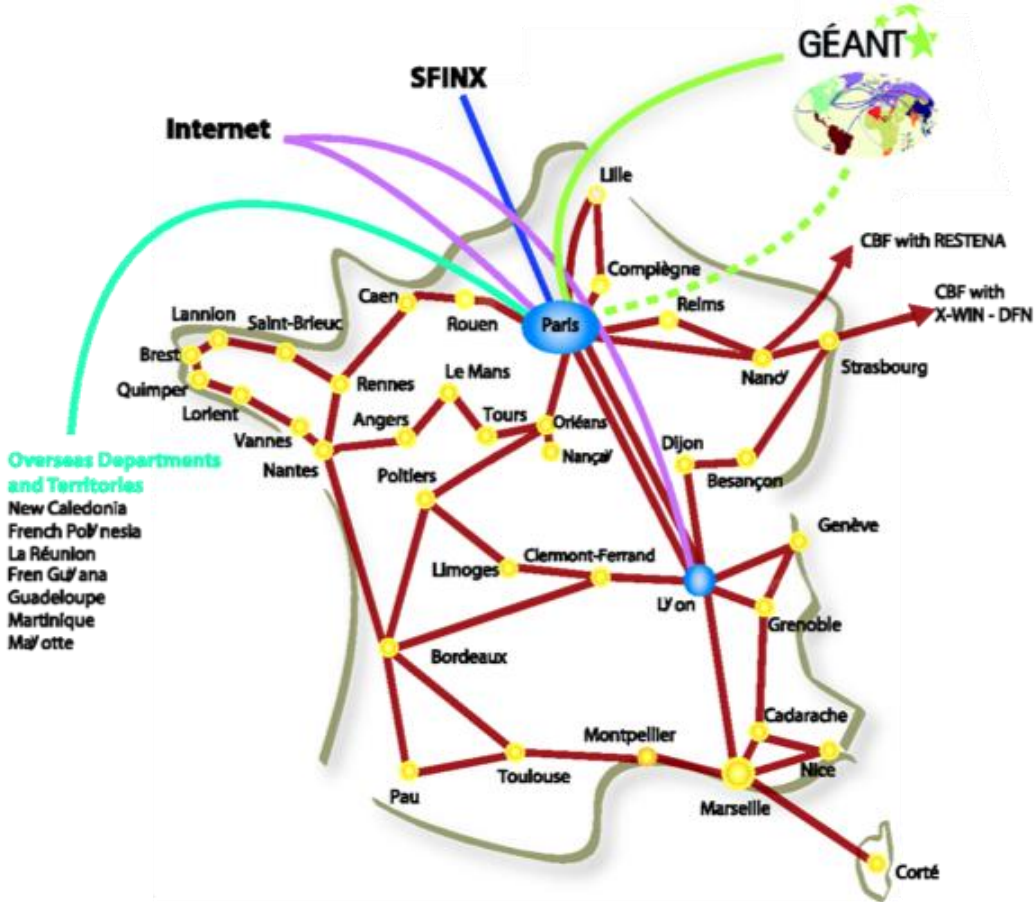
RENATER in figures



- 30 staff headcount
- 21 M€ budget
- 1000+ sites connected (including overseas extensions)
- 10800 Kms of dark fibers
- 365/24/7 NOC



RENATER network



RENATER Service portfolio



- Resource Allocation (IP @, DNS, routing)
- Network services (IPv4&6, e2e circuits)
- Voice and Image services (EVO, H323, IPBX interconnection)
- Application services :
 - Antispam
 - Certificates (serveur and personal)
 - eduroam
 - Identity Federation
- CERT



Why establishing a NREN?



- Basic is to serve Research and Higher Education : NREN target to a niche of users (R&E community) and therefore there is an Acceptable Use Policy : a NREN provides connectivity and services dedicated to this community
- Common organization and cost sharing within the whole R&E sector
- Support tool to promote the development of local Internet and significant impact on the telecommunication sector.



RENATER and West Africa Partners



After FEAST feasibility study,

- RENATER is not partner of AfricaConnect, because other EU-NRENs are already in.
- RENATER intends to collaborate with WACREN to help set up and interconnect NRENs in West and Central Africa.

→ RENATER will join efforts with 2 French Research Organisations having sites located in West Africa (IRD and CIRAD) and able to provide local support.

Areas : community building, training, advices to set up a NREN, network architecture, etc...

→ RENATER already proposed a direct link with SENEGAL as soon as the NREN starts to help steering the process

