



GÉANT developments

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TF-NGN

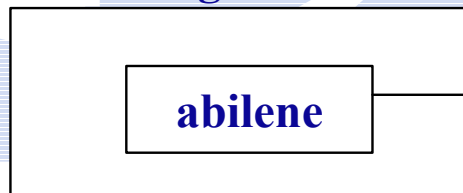
Poznan, 8 May 2003

Upgrades since Rome meeting

- **Roedunet access to 622Mbps**
- **HU-SI 622mbps ordered, RFS mid-June**
- **UK-NL-DE ordered upgrade from 2.5Gbps to 10Gbps and RFS 6 June 2003**

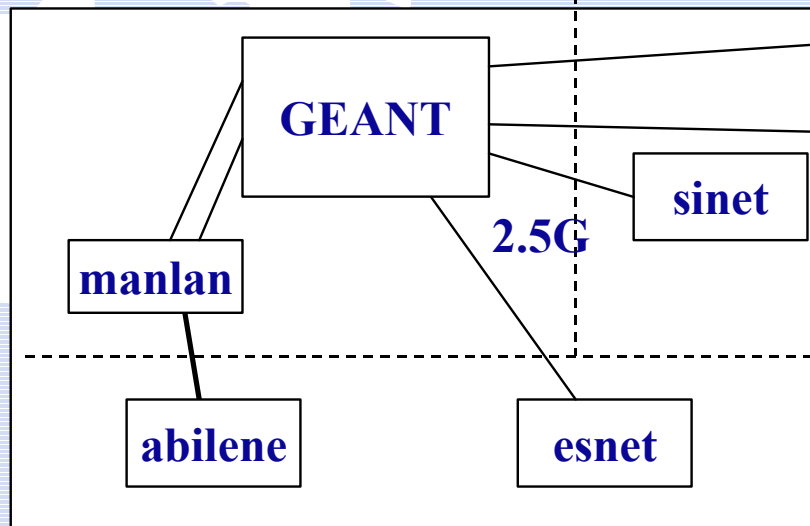
North America

Washington



Frankfurt

Vienna



London

10Gbps Chicago-Amsterdam link

- **10Gbps, funded by NSF for 1 year**
- **tender for connectivity managed by SURFnet, due to pre-existing arrangements with starlight.**
 - **Rfs June**
- **10Gbps between ONS managed by SURFnet.**
- **2,5Gbps GEANT-Abilene**
- **2xGE GEANT-CA*net4**
- **5GBPS (4xGE) available for testing**

10 Gbps access

- **SURFnet and GARR have asked for 10Gbps access to GEANT**
 - **GARR operational on 6 May**
- **Interest from RENATER, NORDunet, REDiris**

Services

- **QoS** (Premium IP and LBE) configured throughout the network
- **IPv6** configured in dual stack mode, several NRENs connected
 - ES, FR, IE, IT, NL, PL, PT (native)
 - IL, LI (tunnel)
 - Abilene + ITN peers
 - GX and Telia planned later in May

Testbed

- **3xM20, 2x7k, 1x12K, 5xPC**
- **In place, for use by DANTE and NRENs**
- **First use for multicast, JUNOS upgrades**

