

GÉANT

Success through collaboration

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GÉANT



Service orientation to data and high-performance computing infrastructures

Pre-RDA workshop

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What does GÉANT do?

Networks, Services, People



Physical networks



Services

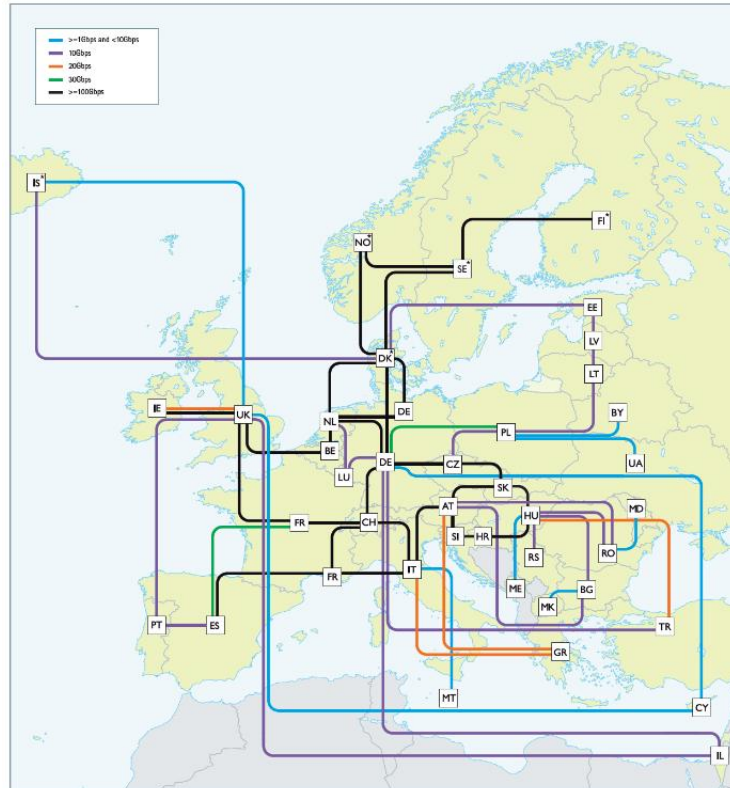


Collaborations



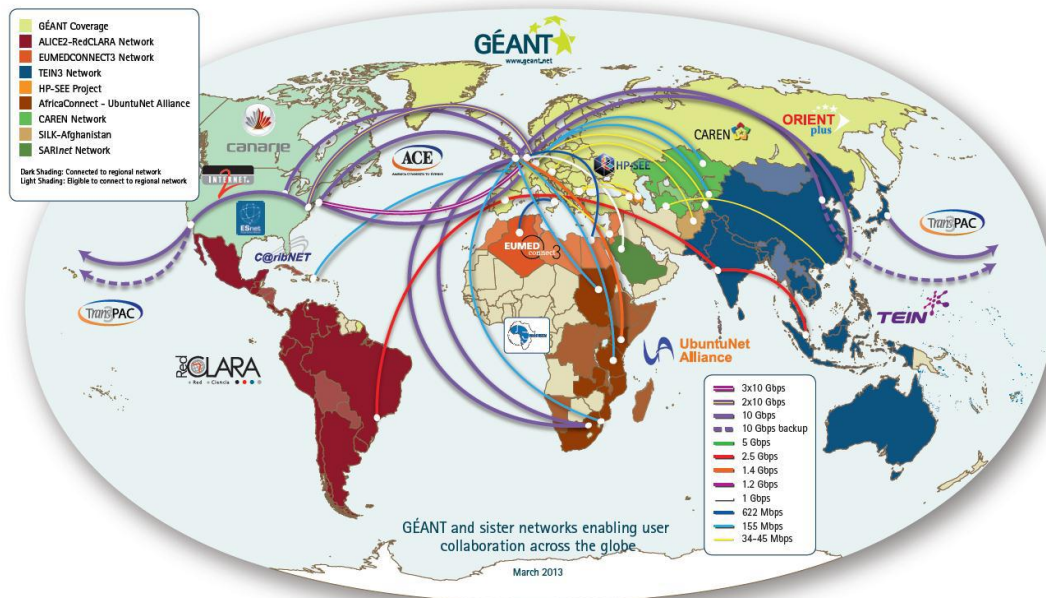
Enabling Global Research.

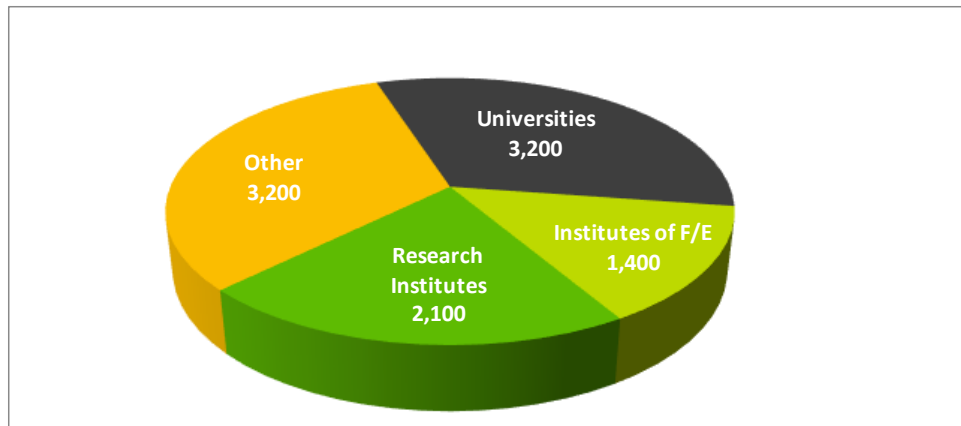
The Network –supporting GÉANT services



- Latest transmission and switching technology
- Routers with 100Gbps capability
- Optical transmission platform designed to provide 500Gbps super-channels
- 12,000km of dark fibre
- Over 100,000km of leased capacity (including transatlantic connections)
- 28 main sites covering European footprint

GÉANT At the Heart of Global Research Networking





- Together with Europe's NRENs, GÉANT connects around 10,000 institutions – 3,200 universities, 1,400 institutes of further education, and 2,100 research institutes
- An additional 3,200 institutions including libraries, government departments, hospitals and museums are connected

Source: TERENA Compendium 2012. Figures rounded to nearest 100.

- GÉANT and the NRENs are the default providers of connectivity and IT services to Europe's academic sector
- GÉANT connects more than 100 NRENs globally –including every NREN in Europe
- GÉANT is much more than a network
 - its services have been rolled out to campus level across the world
- GÉANT is at it's core a collaborative sum of many parts – we welcome new partnerships

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