GÉANT

Success through collaboration

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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
Enabling Global Research.
The Connections.
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.
Summary

• 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 its core a collaborative sum of many parts – we welcome new partnerships

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