

18.12.06

## Deliverable DN2.0.6,2: GÉANT2 Network Topology Maps



### Deliverable DN2.0.6,2

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### Abstract

The purpose of this Deliverable is to officially notify the European Commission of the production of updated topology maps for the GÉANT2 network.

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## 0 Executive Summary

This Deliverable formally reports to the European Commission the updates to the GÉANT2 Network Topology and the GÉANT2 Global Connectivity Map.

These maps are a key tool in disseminating information about the GÉANT2 network and its connections around the world.

Examples of the maps are included in Appendix A. An online version is accessible from <http://www.geant2.net/server/show/nav.779>

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## 1 Overview and Usage of Maps

The GÉANT2 Topology depicts the speed and geographic scope of the GÉANT2 network. It is one of the most popular materials produced by the PR team, and needs to be updated on a regular basis to reflect the changing nature of the network. It is used in a variety of formats including as a printed poster, in presentations and in publications.

This update includes upgrading the following connections:

- CY – IT at 155 Mbps
- MT – NL at 34 Mbps
- BG – HU at 155 Mbps
- RU – DE at 2.5 Gbps
- RU – DK at 2.5 Gbps

The GÉANT2 Global Connectivity Map shows the extensive international connectivity that is offered through GÉANT2. It shows the intercontinental connections that operate between Europe and other world regions, linking a number of other EU-funded research networks.

This update has seen several minor amendments to improve consistency between the two maps and changing the status of the link to India from “planned” to “operational”. It also shows an upgrade on the London-New York link from 2.5Gbps to 10Gbps, and implements the new link between Paris and New York. In total, 4 x 10 Gbps links are shown between Europe and the US.

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## 2 Conclusions

The maps are an important tool for extending the information disseminated about GÉANT2. They convey complex information in a clear and accessible manner. They are reprinted in a variety of publications, including in the mainstream media. As a result, many peoples' first introduction to GÉANT2 is via the maps. Both maps contain the url [www.geant2.net](http://www.geant2.net), to increase site visits and dissemination.

# Appendix A GÉANT2 Topology Maps

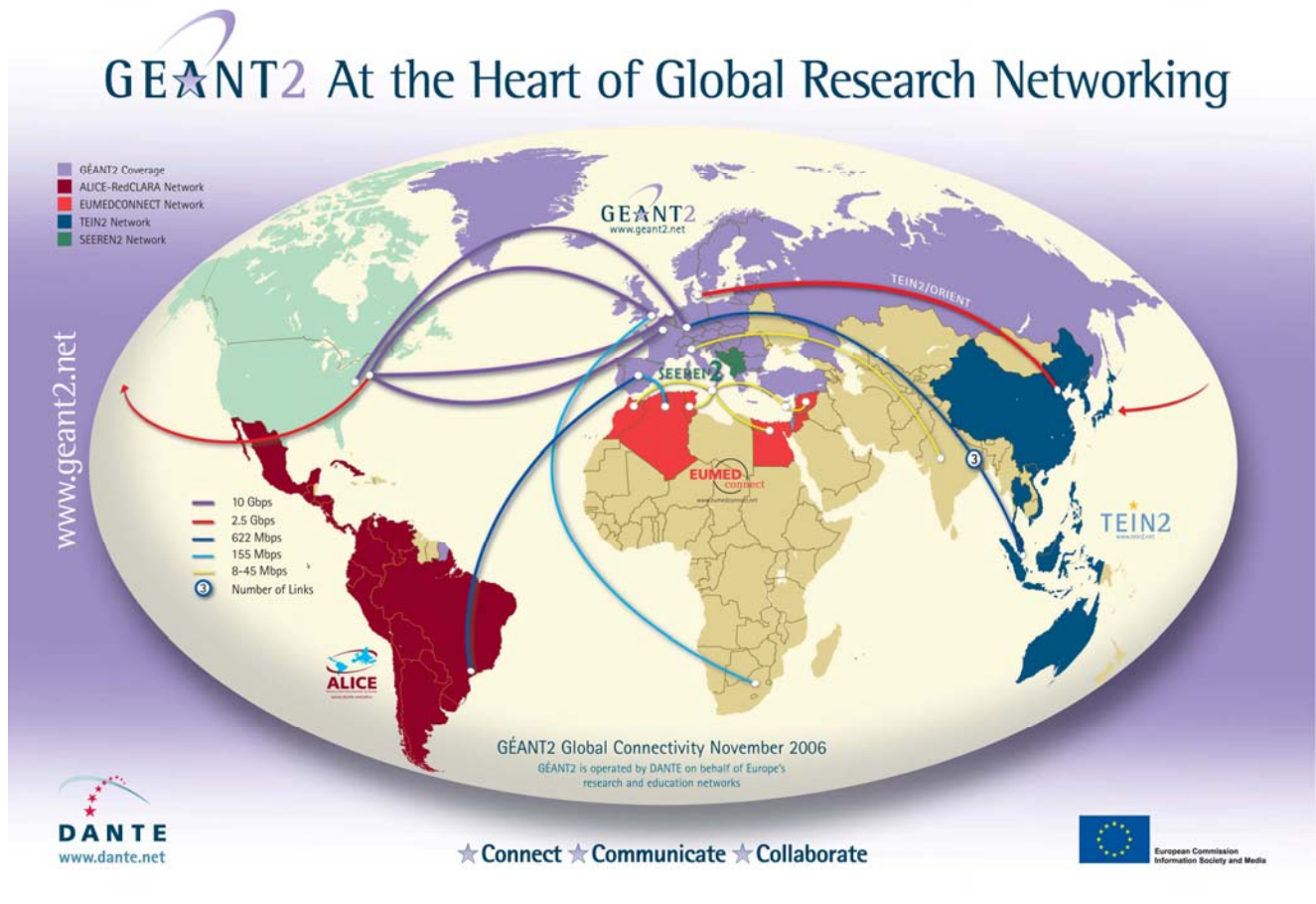


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# GEANT2 Global Connectivity Map



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