

Digital Single Market

Press releases 29/02/2008

Europe's GÉANT, the world's highest speed computer network, goes global

Europe's GÉANT, the world's largest multi-gigabit computer network dedicated to research and education, is linking up to similar networks world-wide to create a single global research network. In Europe, GÉANT already links researchers from Reykjavik to Vladivostok, serving around 30 million users in over 3500 universities and research centres and connecting 34 national research networks. High-speed links will now be established with regional research network infrastructures emerging in the Balkans, the Black Sea and Mediterranean regions, as well Asia, Southern Africa and Latin America. In Europe, GÉANT has enabled ground-breaking research collaboration in fields such as climate change, radio astronomy and biotechnology.

"With GÉANT's massive data processing capacity, Europe can now bring together the best minds in the world to tackle the challenges that we all face. Europe's financial investment in a high speed backbone network for research – around €23 million per year – benefits Europe's competitiveness, but is also boosting collaboration between researchers on a global scale," said Viviane Reding, EU Commissioner for Information Society and Media. "By investing a further €90 million up to 2012 in the 3rd generation GÉANT, the EU is committed to staying at the forefront of the Internet's evolution, and to making scientific collaboration seamless and straightforward."

[Full press release](#) [1]

Background documents :

- [GÉANT: Europe's research network - Frequently Asked Questions \(MEMO/08/133\)](#) [2]
- Factsheet : [Linking ideas accross Europe at the speed of light : GÉANT2](#) [3]
- Factsheet : [GÉANT2 : Connecting the finest minds around the globe](#) [4]
- Brochure on [GÉANT2](#) [5]
- Brochure on [TEIN2 – Powering Research Education in Asia-Pacific](#) [6]
- GÉANT Case study : [Radio Astronomy](#) [7]
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- [Background slides used during technical briefing](#) [9]

[You can watch the full technical briefing on Europe by Satellite](#) [10] (29/02/08)

Previous press releases :

- Previous upgrades of GÉANT : [IP/04/1058](#) [11] - [IP/05/722](#) [12]
- GÉANT extensions : [TEIN - Asia \(IP/08/269\)](#) [13] - [URAN - Ukraine](#) [14] - [UbuntuNet Alliance - sub-Saharan Africa](#) [15]

Further information :

- [e-Infrastructures under the EU's 7th framework programme of research](#) [16]
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- <http://www.tein2.net> [18]
- <http://www.eumedconnect.net> [19]
- <http://alice.dante.net> [20]
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- [Publications on e-Infrastructure](#) [23] (includes a video)

Linked Object

Read more

[GÉANT: Europe's research network - Frequently Asked Questions \(MEMO/08/133\)](#) [2]

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