



The Inclusive Information Society: A Global Perspective

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Ministerial Conference
Riga 11-13 June 2006

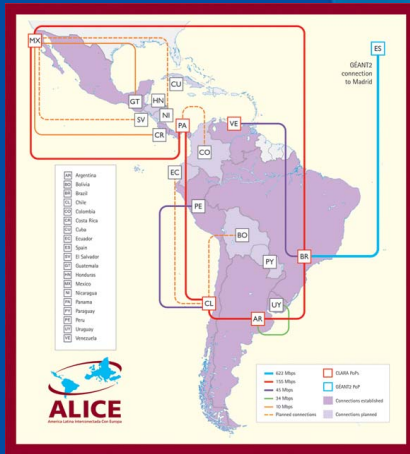
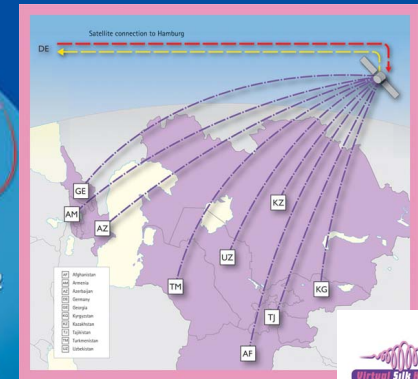
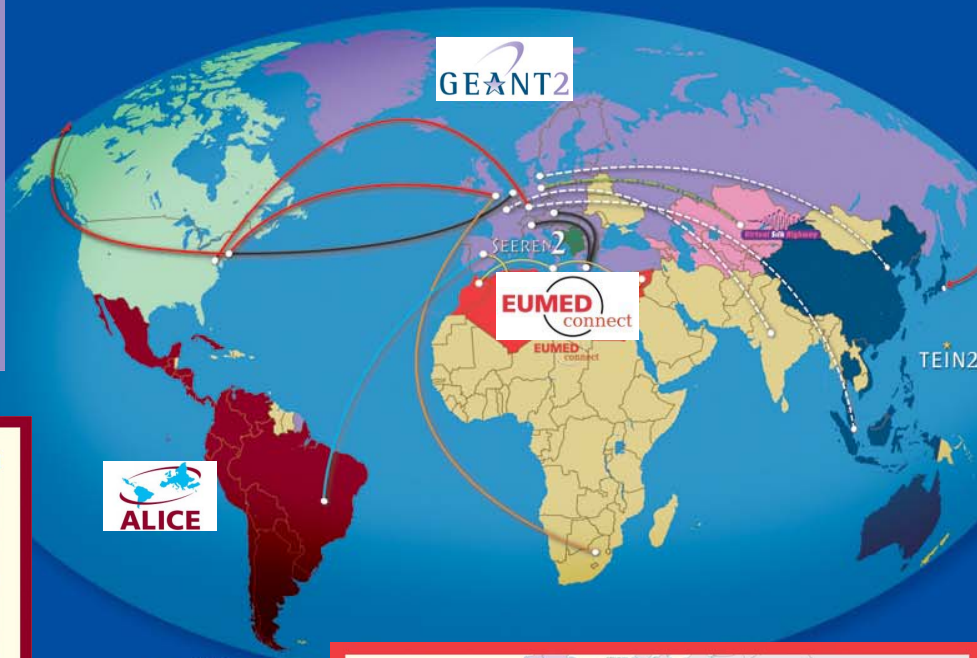
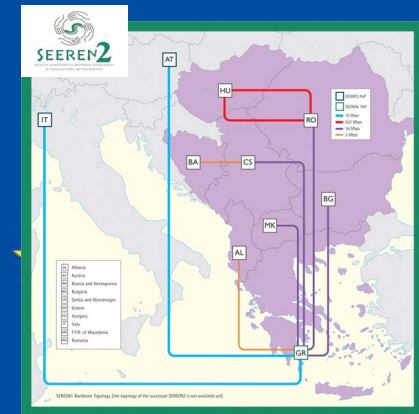
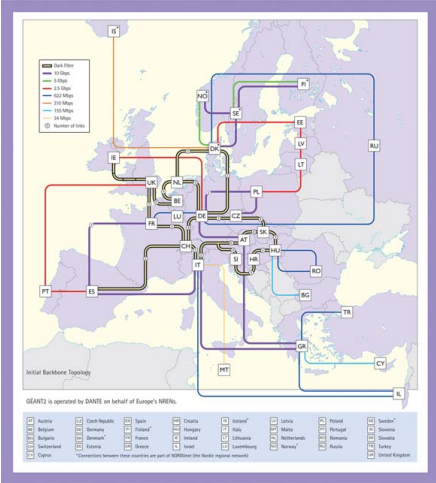
No one left behind

The Global Reach of European Research Networking

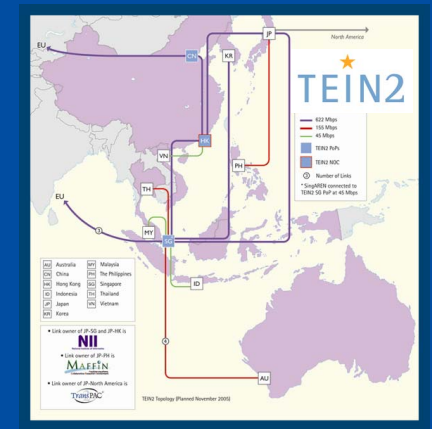
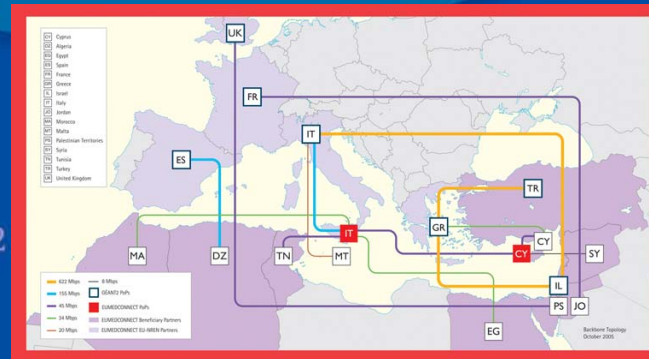


GÉANT2 connected networks

@ May 2006 - 48



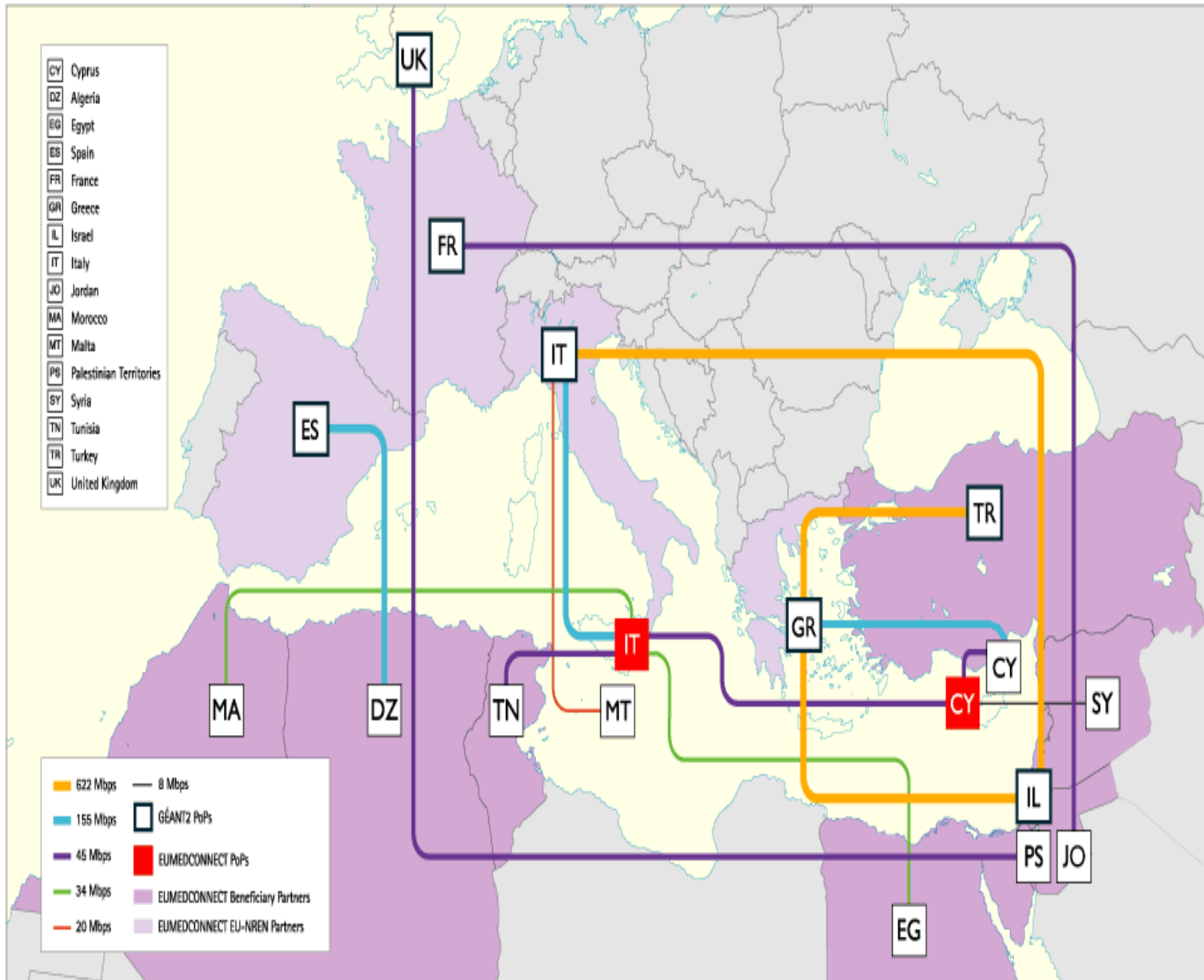
- 10 Gbps
- 2.5 Gbps
- 622 Mbps
- 155 Mbps
- 34-45 Mbps
- Planned Connections
- Satellite Connection

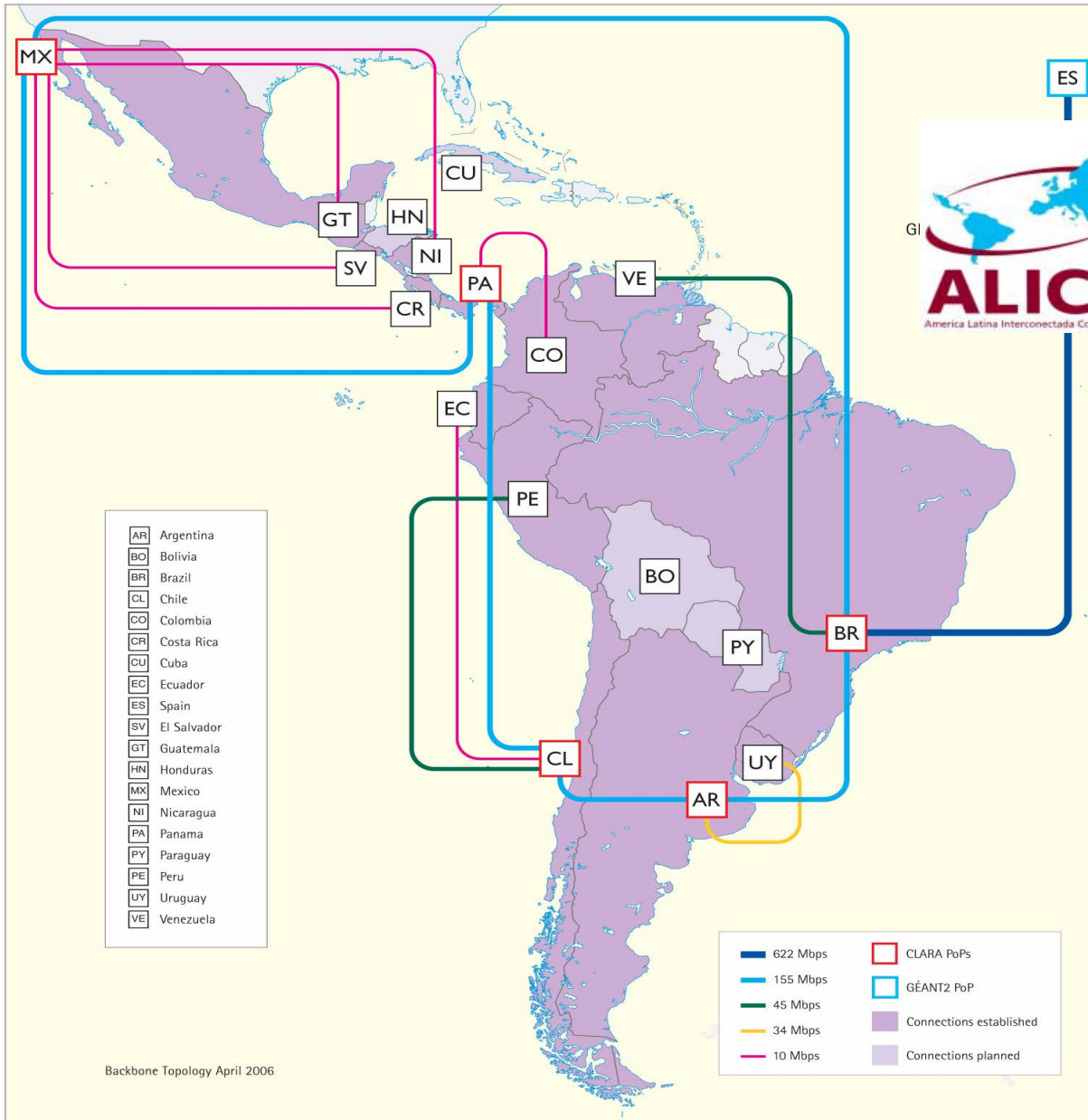


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www.dante.net www.geant2.net

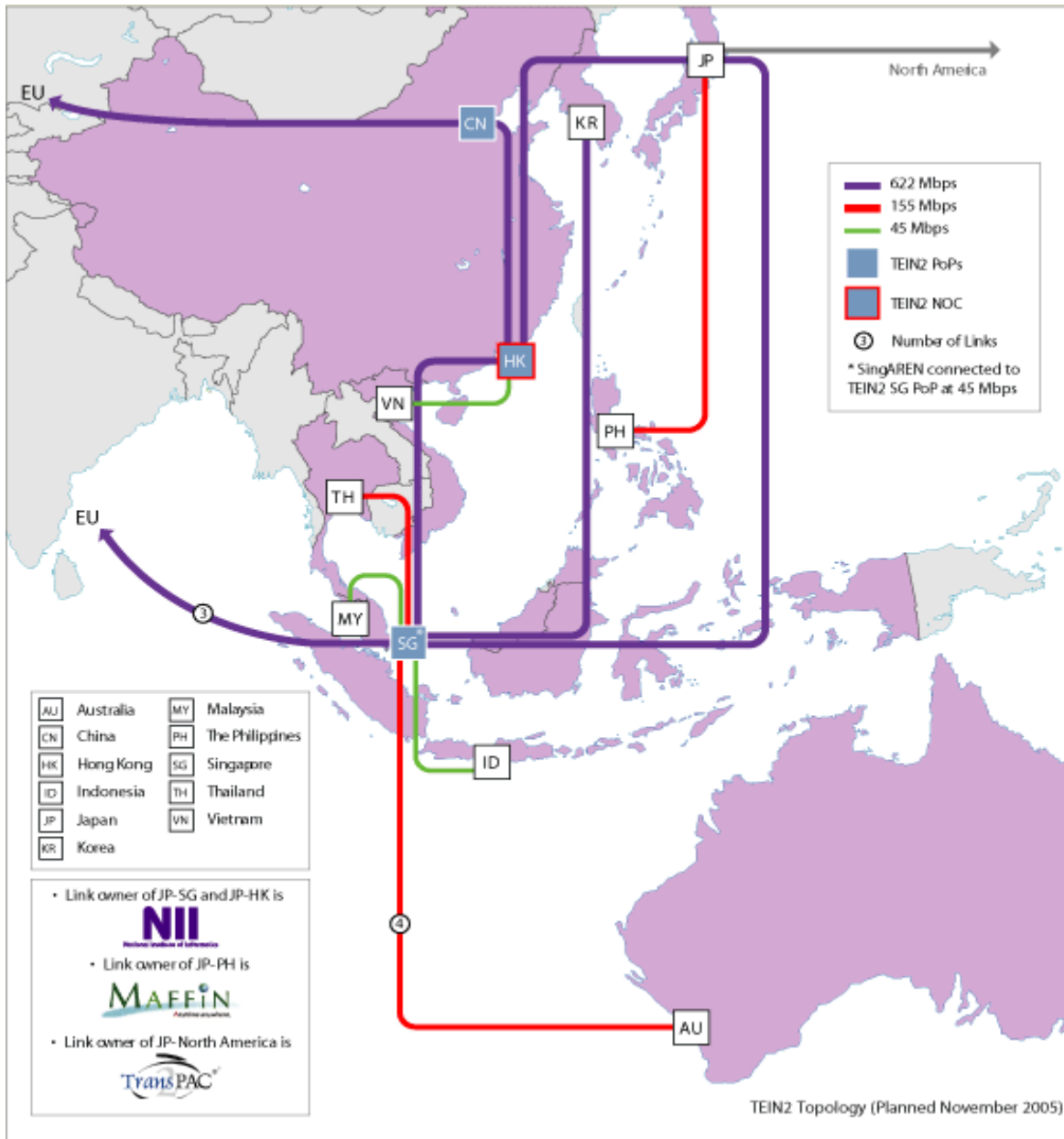


EUMEDCONNECT Topology





ALICE Topology



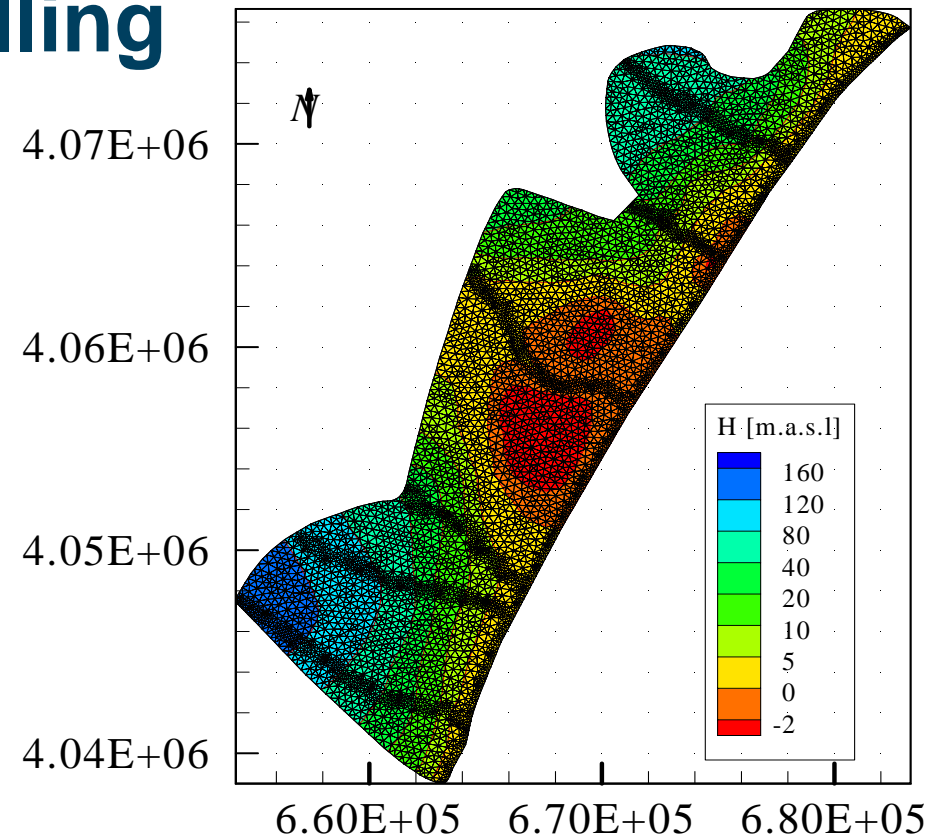
TEIN2 Topology



EUMEDCONNECT SUPPORTS SWIMED

Groundwater modelling

- **Aim:** estimate sustainable extraction scheme - improve management
- **CODESA-3D:** Density-dependent 3D coupled groundwater flow and transport simulations
- **Data requirement**
 - Geology
 - Topography
 - Meteorology
 - Water extraction by the farmer
 - Aquifer properties
 - Soil maps
 - Land use





RedCLARA supports

@LIS Technet

@LIS pilot project
interconnecting universities in LA
and EU into a virtual learning
platform



RedCLARA supports

T@lemed

@LIS pilot project bringing new health applications to remote areas of Brazil and Colombia

TEIN2 supports Tele-medicine application





Other TEIN2 applications

- Disaster warning e.g. Philippine Institute of Vulcanology and Seismology (PHIVOLCS) + partners
- Oceanography e.g. ASEM Oceans Initiative
- Climatology
- Distance learning e.g. University of Health Sciences, Cambodia and UPMC Medical School, Paris

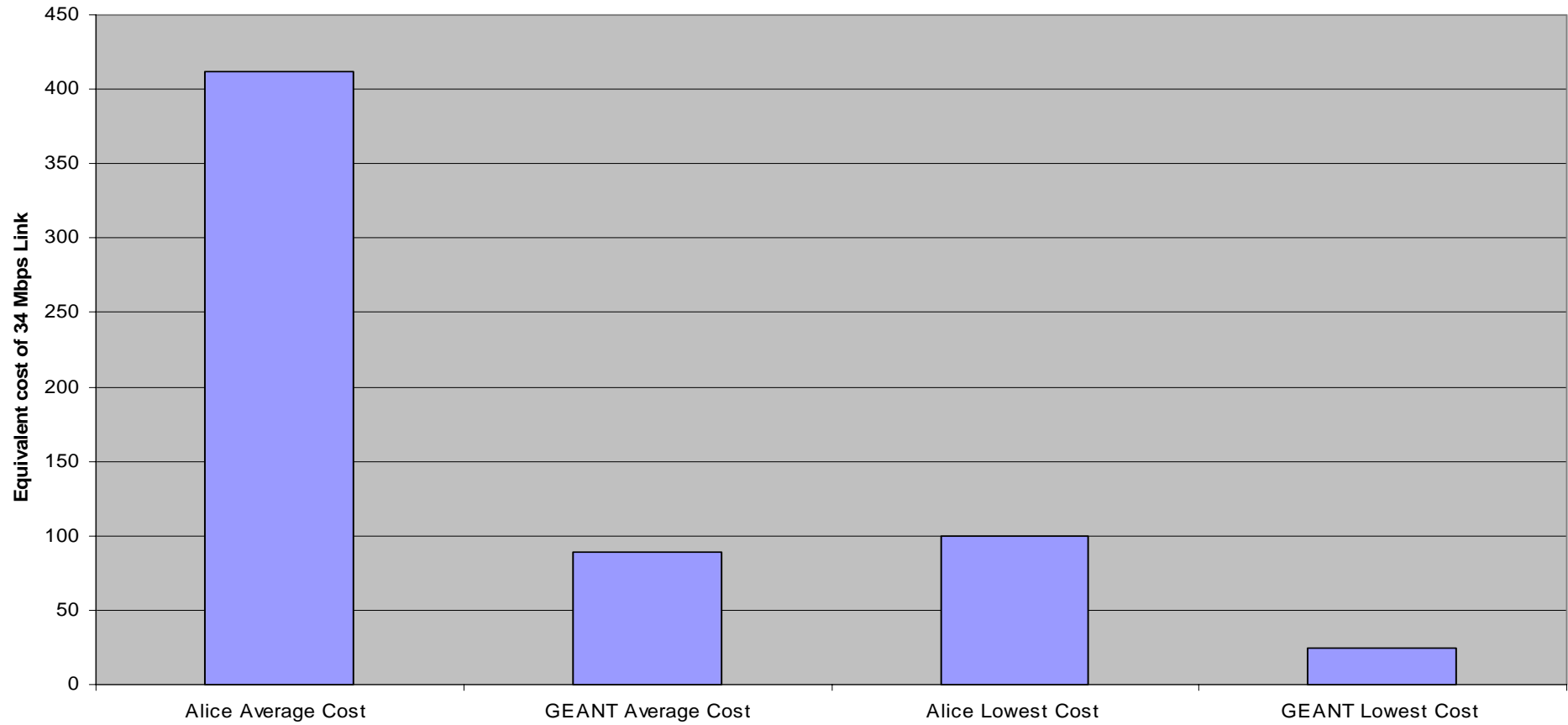


Issues

- Sustainability
- Costs
- Future Direction

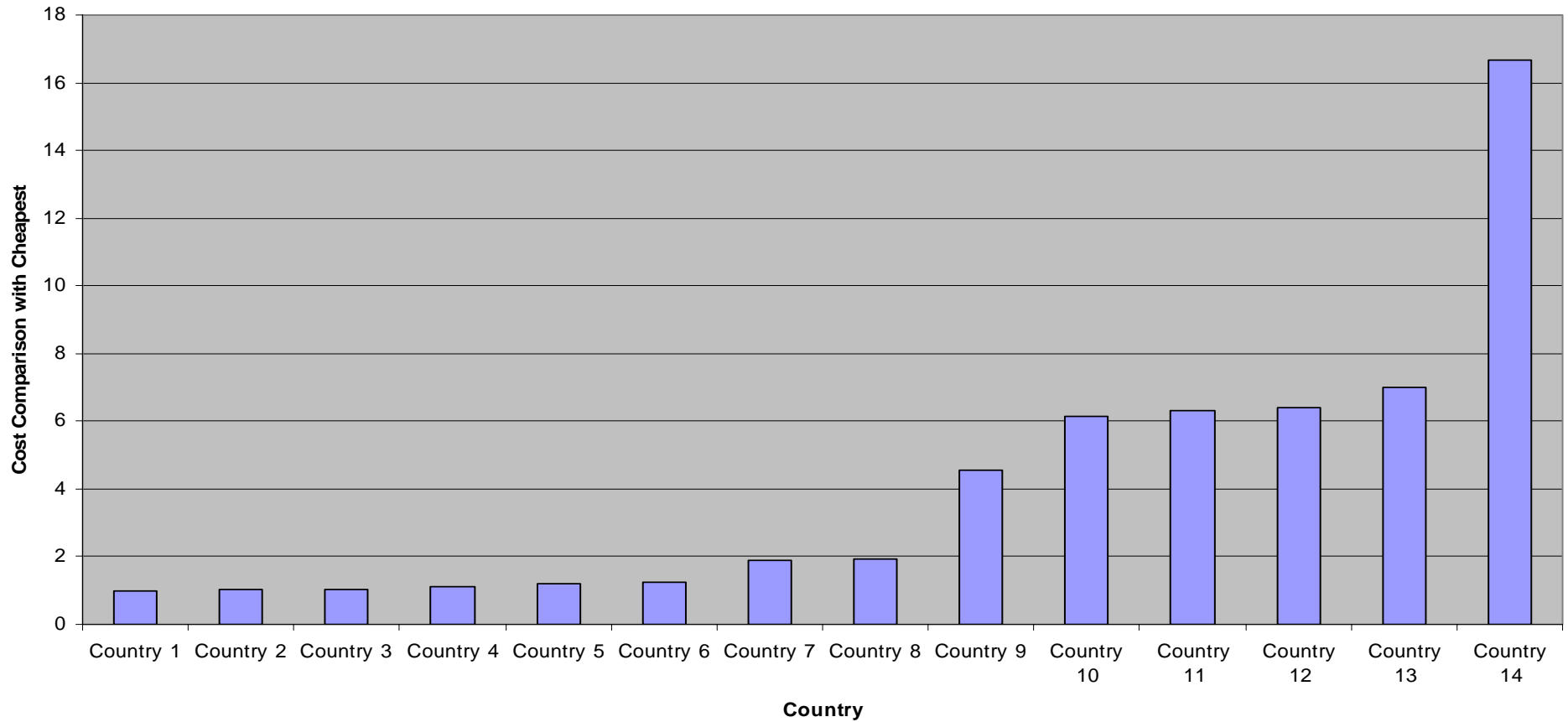


EU-LA Pricing Comparison





Relative Cost of International Connectivity within Clara Network





Conclusions

- Major contributions to global cooperation
- Societal and scientific benefits
- Sustainability is the Challenge