

e-Infrastructures for e-Science: GÉANT and AfricaConnect

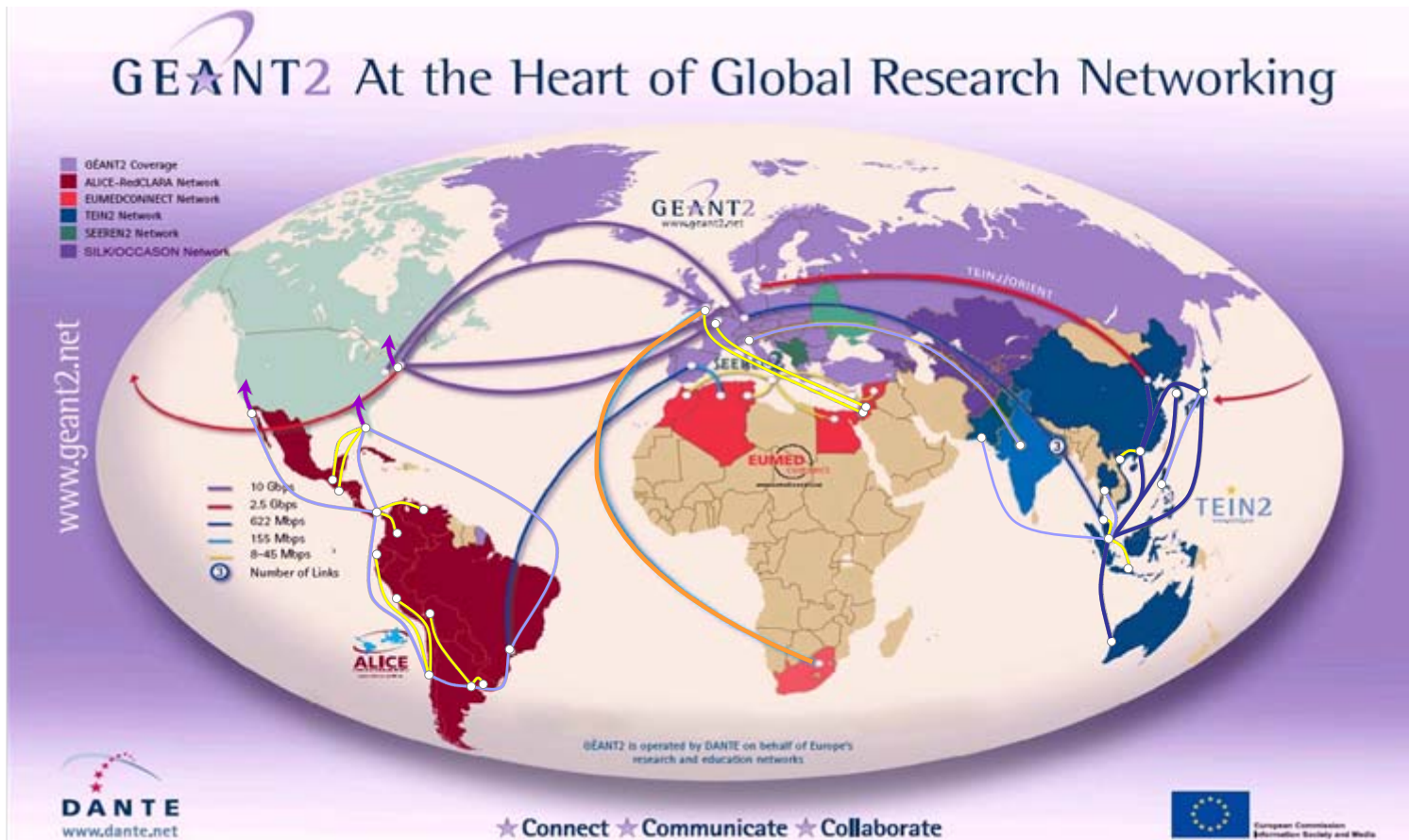
Kostas GLINOS

European Commission - DG INFSO
Head of Unit, GÉANT & e-Infrastructures



Environment, natural disasters, sustainable growth, global warming, crisis management, digital inclusion, fight against poverty, cybercrime, aging, HIV/AIDS, TB, malaria, pandemics...

- Scientific progress more important than ever
 - Science as a collaborative enterprise
 - ...national, regional and global level
 - ICT a key enabler
 - Bringing together researchers, sharing resources, accessing information, data and facilities
 - Towards e-Science enabled by e-Infrastructure
 - ...but not all world regions have the same access to ICT
- Sub-Saharan Africa can benefit from e-Infrastructure development like any other region
- EC/INFISO prepares roadmap to extend research networking to Africa



e-Infrastructures for e-Science



Council of EU SG Africa-EU Strategic Partnership (June 2008);
Partnership 8 for Science, Information Society and Space

Objectives:

- Reduce Double Divide: Scientific and Digital
- Reinforce use of ICT as means to growth, socio-economic development and to reduce poverty

Expected results:

- ICT infrastructures: sustainable, durable, efficient and accessible
- ICT applications in line with the Millenium Development Objectives (e.g. Health, Education)

Activities:

- Reinforce the development of African Regional Research and Education Networks and their interconnection to GEANT (**AfricaConnect**).
- ...

A Regional Research Network for Africans and by Africans

- A tool for collaboration and sharing (mutual benefit)
 - irrespective of location and distance
- Joining forces to face today's challenges
 - regional and global
- Bridging the digital divide
- Fighting the “brain-drain”.

GEANT's Global Reach – Lessons Learnt

From GEANT presence and cooperation with Latin America (ALICE2-RedClara), North Africa and Middle East (EUMEDconnect), TEIN3 (South East and Central Asia):

- Good communication with all stakeholders and beneficiaries
- Connect progressively and facilitate articulation of national and regional initiatives
- Integration of all stakeholders' needs
- Negotiation capacity - build substantial policy support and ensure financial sustainability
- Develop adequate regulatory frameworks
- Monitor and evaluate e-Infrastructure impacts
- Build awareness

www.cordis.europa.eu/fp7/ict/e-infrastructure/



Konstantinos.Glinos@ec.europa.eu