

e-Infrastructure experiences in regional integration

Prague, 25 March 2009



e-infrastructure

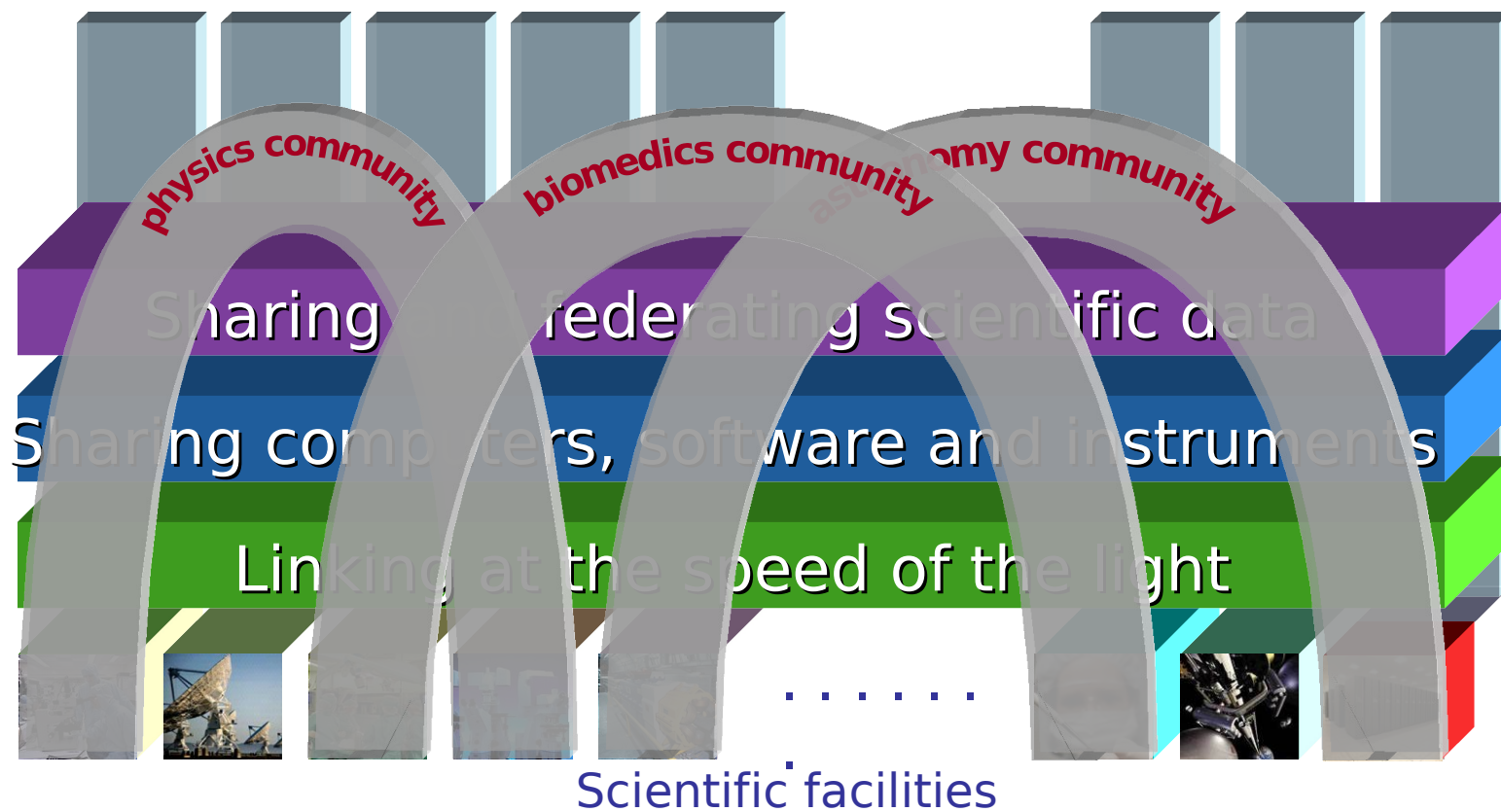
Konstantinos GLINOS
European Commission - DG INFSO
GÉANT & e-Infrastructures



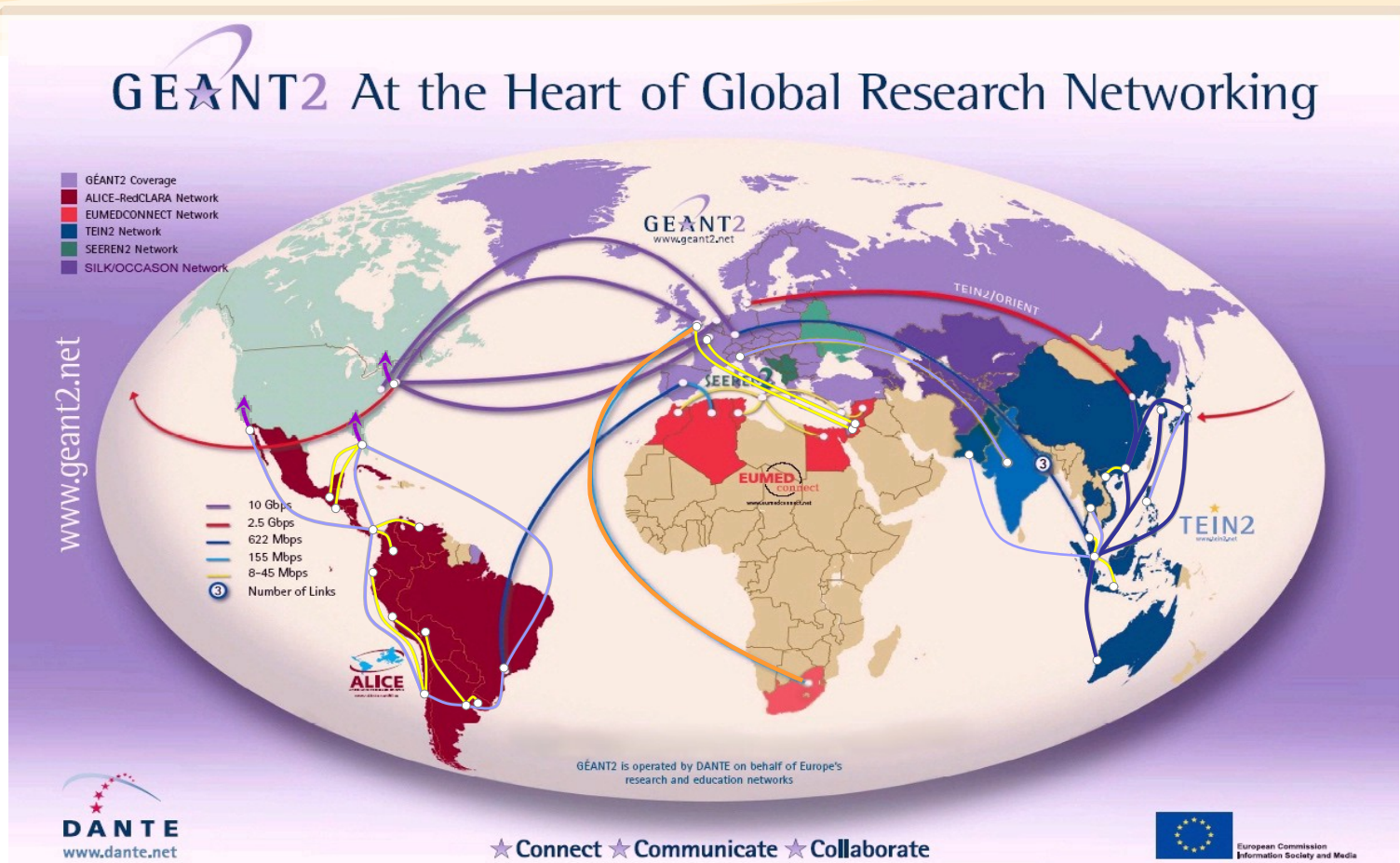
European Commission
Information Society and Media

"The views expressed in this presentation are those of the author and do not necessarily reflect the views of the European

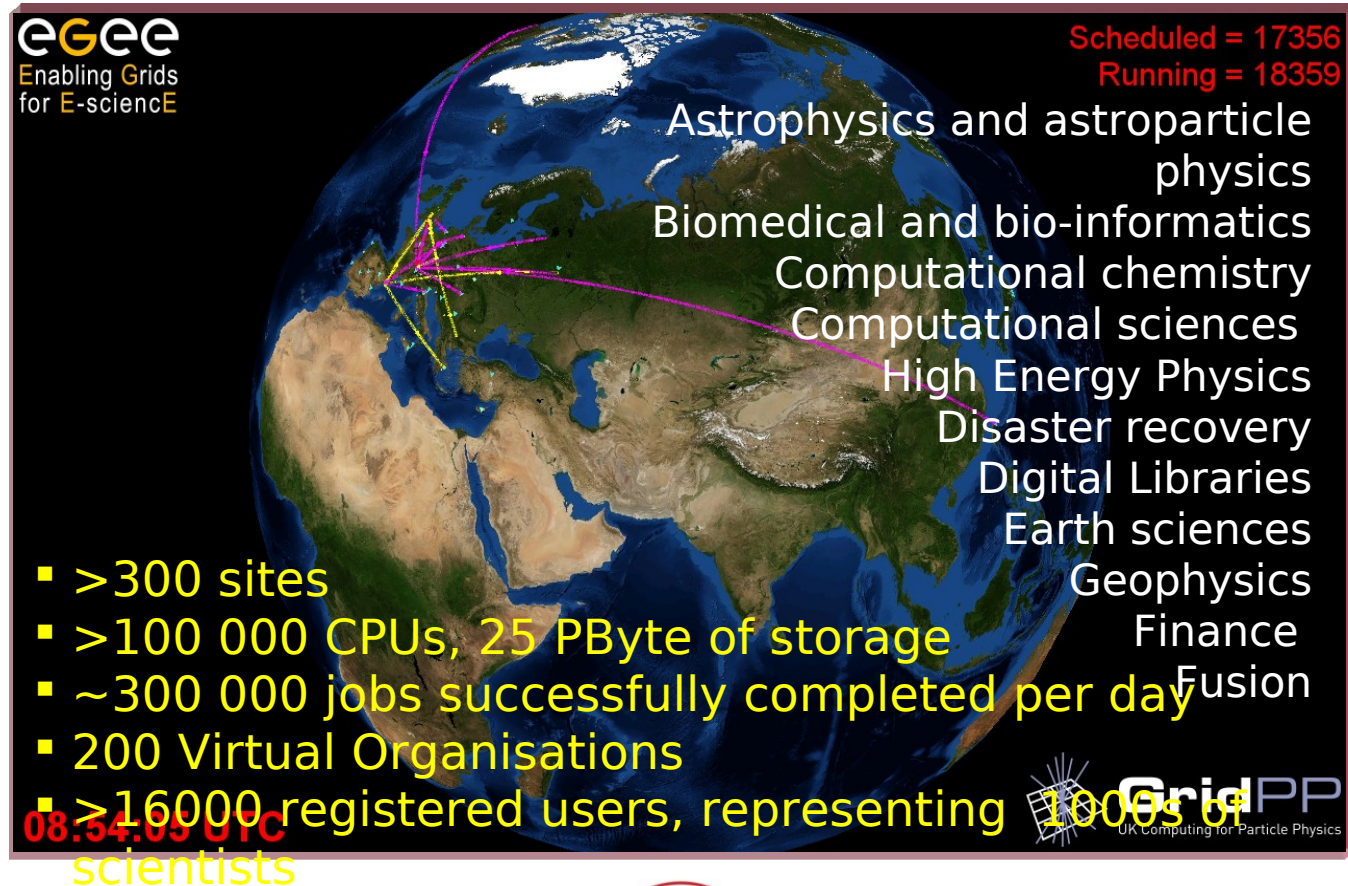
ICT infrastructures for Science



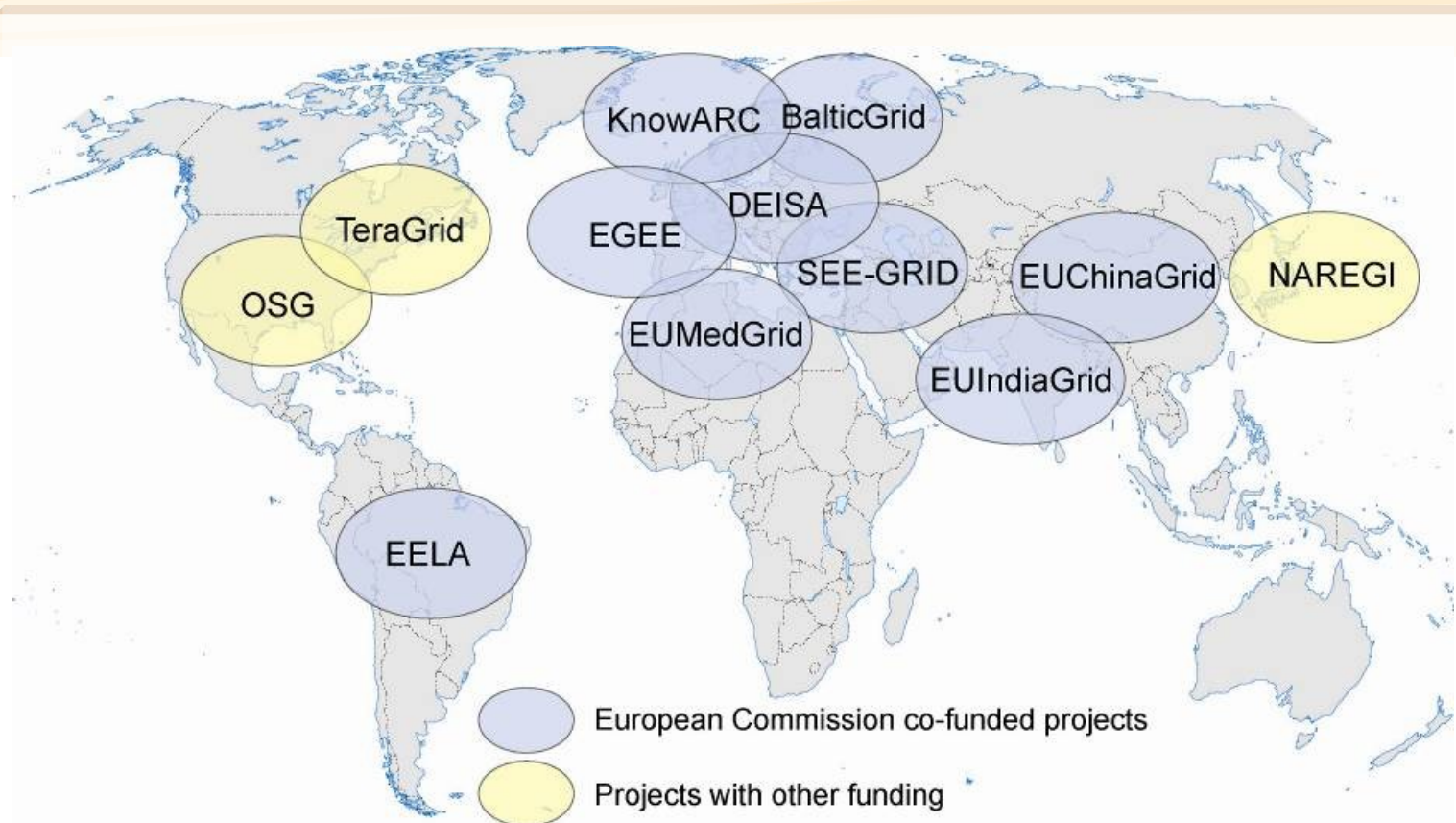
Regional dimension of GÉANT



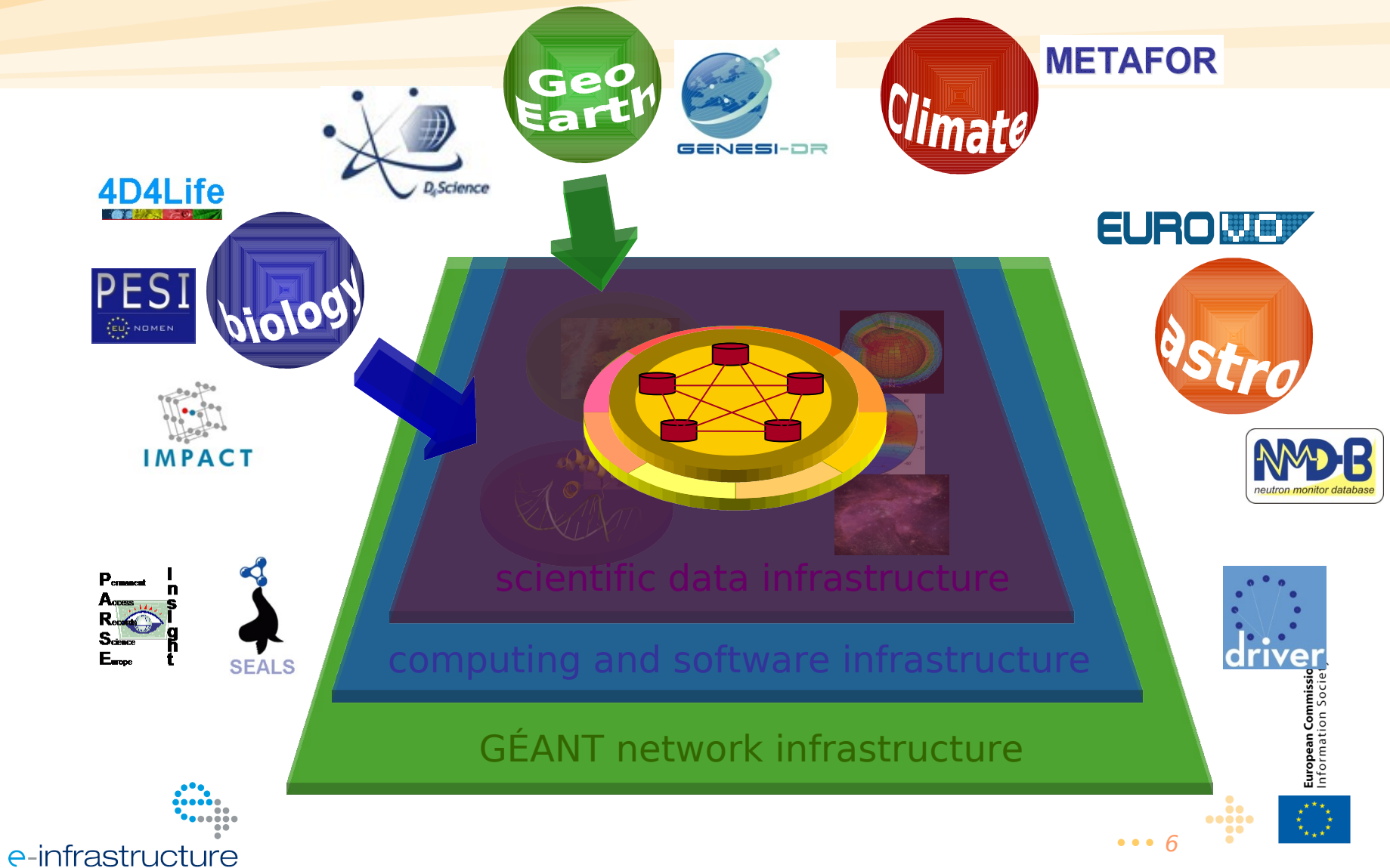
EGEE: Tackling Global Challenges



Regional grid projects



Scientific Data Infrastructure



ERA Expert Group on e-Infrastructures

‘The vision for a future European Research Area and a coherent RI policy must include the deployment of e-infrastructures, as they are the integrating mechanism, the glue between regions and different scientific disciplines.’

Developing World-class Research Infrastructures for the European Research Area (ERA), Report of the ERA Expert Group, 2008



e-Infrastructures in ERA context

- 
- Remove distance as a barrier
 - Enable sharing of resources & knowledge
 - Facilitate working together
 - Intra-regional integration
 - Inter-regional integration
 - Emergence of GVRC

e-Infrastructures as a key enabler



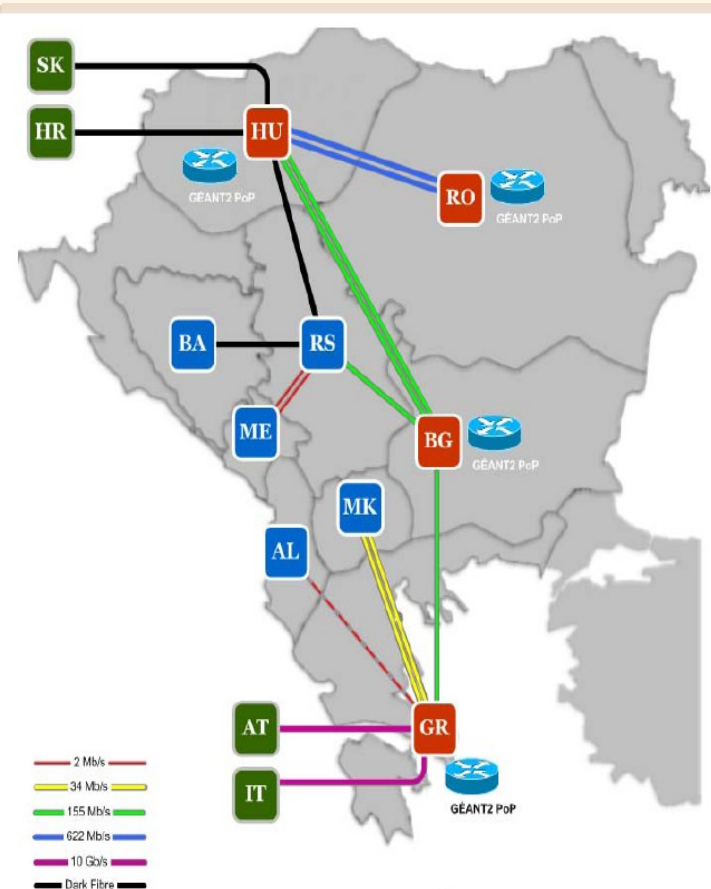
Success Baltic story: BalticGrid

- Set up of grid infrastructure in Baltic region
- Integration of three Baltic countries into the grid landscape (Lithuania, Latvia and Estonia)
- Extension towards Belarus
- Engagement of new user communities (linguistic research, Baltic Sea environmental research...)



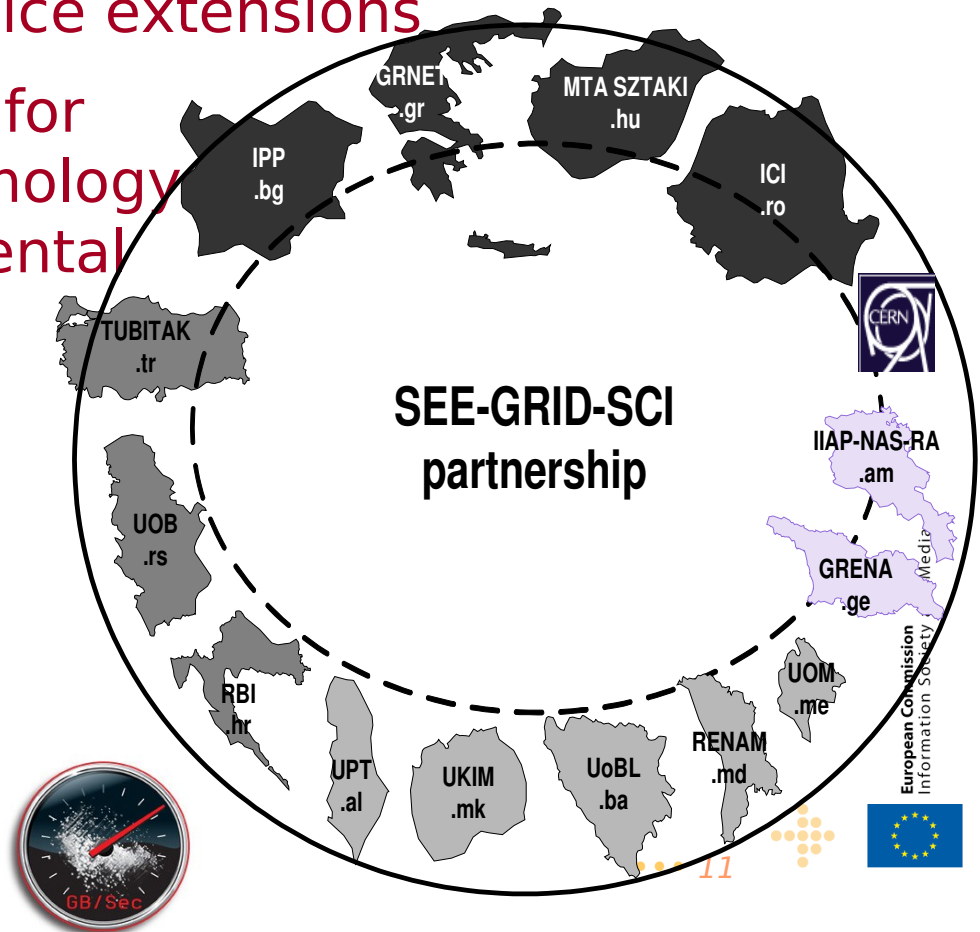
Success Balkan story: SEEREN

- Established the SEE segment of the pan-European GÉANT network
- Connected the research and scientific communities in the region
- Contributed to the definition of the regional and national vision
- Greek Foreign Ministry will continue infrastructure funding over the next 15 years



SEE-GRID

- Infrastructure complementing EGEE
- Engaging regional user communities and providing application-specific service extensions
- Providing infrastructure for new communities (seismology, meteorology, environmental protection)
- Towards long-term sustainability and inclusion in the European Grid Initiative



SEERA-EI

way towards common regional vision

- ERA-NET project to start in first half of 2009
- Collaboration of regional programme managers towards common e-Infrastructure vision and strategy
- Setting the framework for a common regional agenda
- Reduction of fragmentation of national programmes
- Creation of a harmonised approach to national-level initiatives



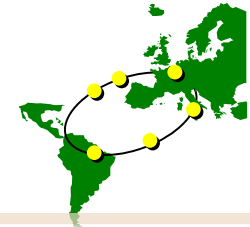
Global perspective

BSI

South Caucasus Regional network and link to GÉANT, integrating scientific potential in the region



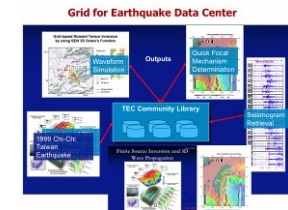
High capacity, production-quality, scalable e-Science grid facility for Europe and



Latin American Disseminate

EGEE

middleware in Asia, support scientific applications and creation of VOs



European Commission
Information Society and Media



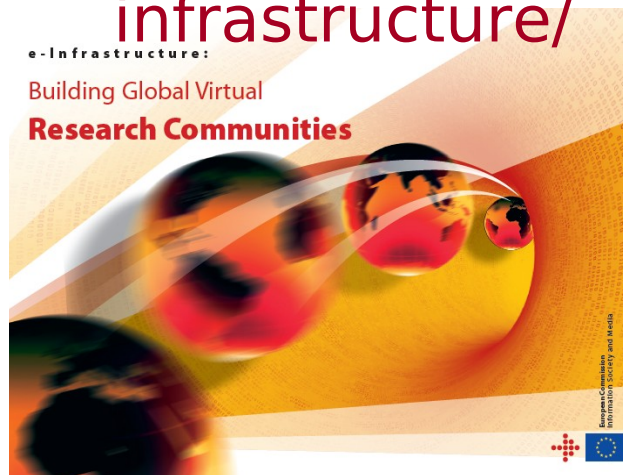
Added value of e-Infrastructures for regional integration

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



further information

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



Konstantinos.Glinos@ec.europa.eu



e-infrastructure

