

# e-Infrastructures: knowledge exchange across the oceans

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## **Lisbon Treaty - Art. 179**

**“The Union shall have the objective of strengthening its scientific and technological bases by achieving a European Research Area in which researchers, scientific knowledge and technology circulate freely [...].”**

# European Digital Agenda



- faster internet access
- trusted and secure internet
- greater interoperability
- digital literacy skills / inclusion
- ICT to solve societal challenges
- better investment in research
- create an online single market



# ICT infrastructures for e-Science

COM(2009)108



**e-Science  
e-Infrastructures  
Innovation**

# 4 key areas, 4 examples

▪ **OPENAire**



▪ **PRACE**



▪ **EGI**



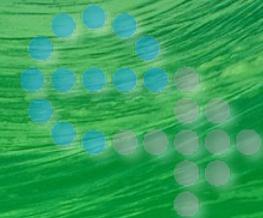
▪ **GÉANT**



# EU - Latin America cooperation

**Are we making the difference?**

- **EU-LAC summit**
- **Opportunities with Brazil**



e-infrastructure

**Connecting**  
the finest  
minds

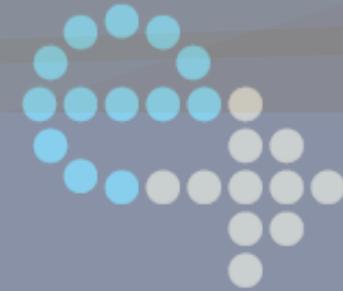
... Linking ideas at  
the speed of light

**Sharing** the  
best scientific  
resources

... Harnessing  
the unlimited power  
of computers,  
instruments and data

**Building** virtual  
global research  
communities

... Innovating the  
scientific process



# e-infrastructure



géant | grids | scientific data | supercomputing



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