

INFRA-2010-1.2.3: Virtual Research Communities

European Commission, DG INFSO
GEANT & e-Infrastructures Unit



e-infrastructure

INFORMATION EVENT ON THE e-INFRASTRUCTURE 7TH CALL
BRUSSELS, 18 June 2009



Important dates

Tentative timetable

- Info day: 18.06.2009
- Call publication: 30.07.2009
- Closing date: 24.11.2009
- Evaluation: Dec 2009 – Feb 2010



Objectives

- General outcomes:
 - Enable an increasing number of users from all disciplines to access, share and use e-Infrastructures
 - Remove constraints of distance, access and usability, as well as barriers between disciplines for a more effective scientific collaboration and innovation
- More specifically:
 - Deployment of e-Infrastructures in research communities to enable multi-disciplinary collaboration
 - Deployment of end-to-end e-infrastructure services and tools for integrating and increasing research capacities
 - Build user-configured virtual research facilities and test-beds from collection of diverse resources
 - Address human, social and economic factors to facilitate the creation, take up/maintenance of e-Infrastructure services
 - Integrate and link regional e-Infrastructures

Addressing e-Infrastructures for the ESFRI projects and communities is encouraged

Incorporating users from academia and industry and training activities in the use of e-Science are welcome



Expected Impact

- Increased effectiveness of European research
- Use of e-Infrastructure services and tools by actors from new disciplines and scientific communities
- National initiatives are able to address the European and international dimension
- Easier development and adoption of standards, common tools, procedures and best practices
- Increased quality and attractiveness of e-Infrastructures



Examples of Activities

Implementing an e-Infrastructure offering an operational service to communities of researchers across Europe and the globe such as:

- Deployment, quality assurance and support of e-Infrastructure services specific to a user community building upon existing services where relevant
- Vertical integration of different services to create virtual laboratories or specific workbenches for simulation in support of specific research communities
- Innovative software solutions for making a specific user community benefit from e-infrastructure services
- Joint management of access to distributed resources
- Definition of common standards and protocols for interoperability
- Coordination with national or international initiatives
- Data management including secure shared access, global scheduling, user and application support services
- Federated services to facilitate the broader use of digital repositories of scientific information



Budget & Call Information

- **Indicative budget**
EUR 23 million
- **Funding Scheme**
Combination of Collaborative projects
and Coordination and Support Actions
(CP-CSA)

Contact & Further Information

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- Further information
http://cordis.europa.eu/fp7/ict/e-infrastructure/calls_en.html

